ANNUAL REPORT

1986-87

Alberta

PUBLIC WORKS SUPPLY AND SERVICES

88-05072/

Alberta

PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Deputy Minister

6950 - 113 Street, Edmonton, Alberta Canada T6H 5V7 403 / 427-3921

April 1988

Honourable Ernie Isley
Minister
Alberta Public Works, Supply and Services
131 Legislature Building
Edmonton, Alberta
T5K 2B6

Sir:

I have the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ended March 31, 1987.

Respectfully submitted,

E. R. McLellan, P. Eng.
Deputy Minister

Attachment

Alberta

PUBLIC WORKS, SUPPLY
AND SERVICES

Office of the Minister

131 Legislature Building, Edmonton, Alberta Canada T5K 2B6 403 / 427-3666

April 1988

The Honourable Dr. D. Carter
Speaker
Legislative Assembly of Alberta
325 Legislature Building
Edmonton, Alberta
T5K 2B6

Dear Dr. Carter:

The undersigned has the honour to submit the Annual Report of Alberta Public Works, Supply and Services for the fiscal year ended March 31, 1987.

Respectfully submitted,

Ernie Isley

Ernie Isley
Minister

Attachment

ANNUAL REPORT

1986-87

Alberta

PUBLIC WORKS SUPPLY AND SERVICES

ISSN 0834-4043

CONTENTS

DEPARTMENTAL ORGANIZATION CHART
HISTORICAL PERSPECTIVES

CAPITAL DEVELOPMENT 1
PROJECT MANAGEMENT DIVISION 2
Project Management, Edmonton 2
Project Management, Calgary 3
Specifications and Standards Branch 3
Projects for Departments 3
CONSTRUCTION DIVISION 6
COST CONTROL AND ANALYSIS DIVISION 6
SITE DEVELOPMENT DIVISION 7
TECHNICAL SERVICES DIVISION 7

FINANCE AND ADMINISTRATION 9
Financial Services Branch 10
Revolving Fund Accounting Branch 10
Financial Planning Branch 10
Financial Systems Branch 10
Management Services Branch 11
Personnel Branch 11

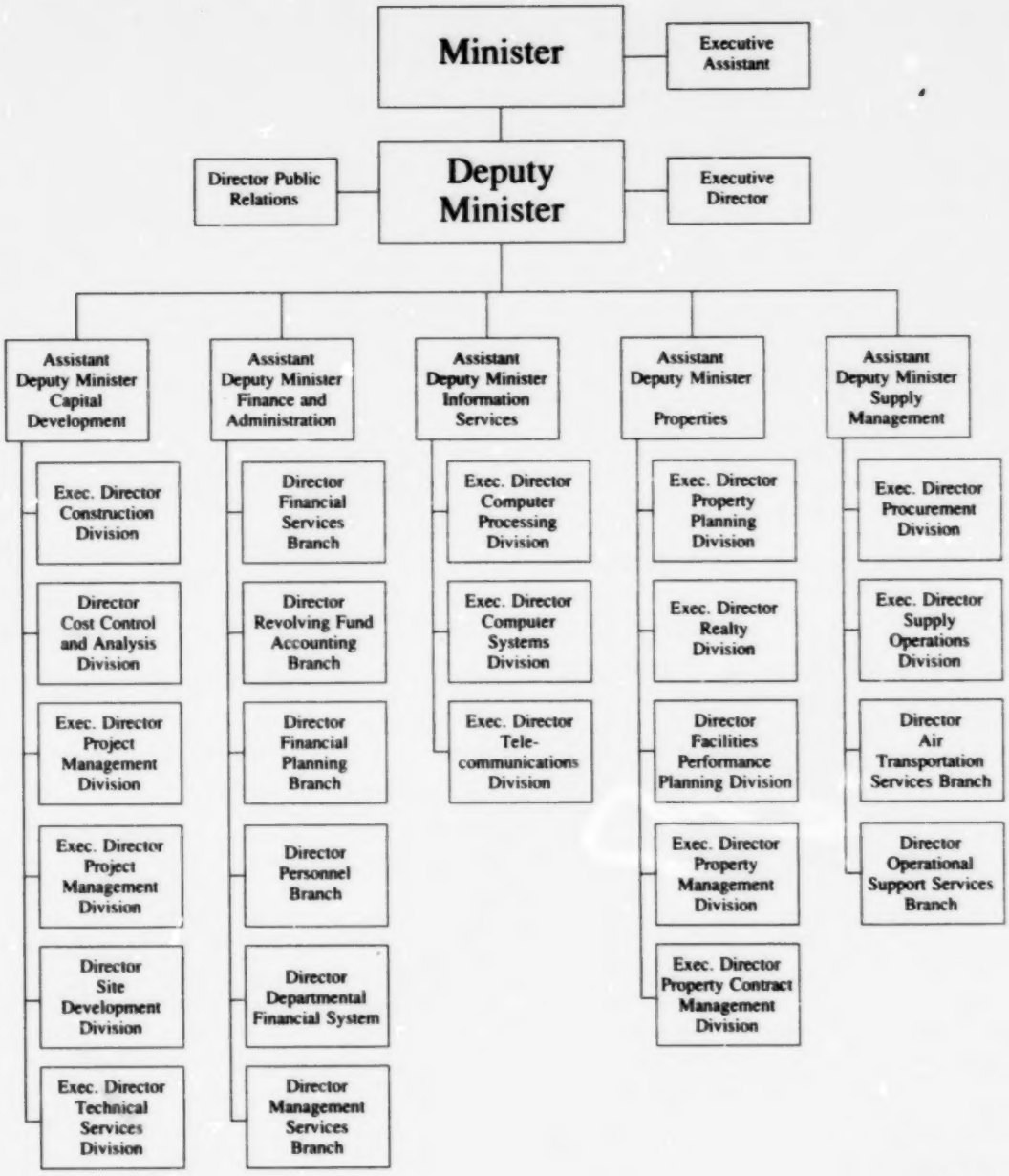
INFORMATION SERVICES 13
Trends and Directions 14
COMPUTER SYSTEMS DIVISION 15
COMPUTER PROCESSING DIVISION 16
TELECOMMUNICATIONS DIVISION 17

PROPERTIES 19
PROPERTY PLANNING DIVISION 20
Administrative Services Branch 20
Project Administration Branch 20
Project Development Branch 20
REALTY DIVISION 21
PROPERTY MANAGEMENT DIVISION 22
PROPERTY CONTRACT MANAGEMENT DIVISION 24
FACILITIES PERFORMANCE PLANNING DIVISION 24

SUPPLY MANAGEMENT 27
SUPPLY OPERATIONS DIVISION 29
Printing Services Branch 29
Records Management Branch 30
Equipment, Courier and Surplus Branch 31
PROCUREMENT DIVISION 34
Purchasing Branch 34
Southern Region 35
Warehousing and Distribution Branch 36
Contracted Services Branch 36
Air Transportation Services Branch 37
Operational Support Services Branch 39

APPENDICES 41
1. Consultants Commissioned 42
2. Contracts Awarded 46

DEPARTMENTAL ORGANIZATION CHART


Minister
Executive Assistant
Director Public Relations
Deputy Minister
Executive Director
Assistant Deputy Minister Capital Development
Exec. Director Construction Division
Director Cost Control and Analysis Division
Exec. Director Project Management Division
Exec. Director Project Management Division
Director Site Development Division
Exec. Director Technical Services Division
Assistant Deputy Minister Finance and Administration
Director Financial Services Branch
Director Revolving Fund Accounting Branch
Director Financial Planning Branch
Director Personnel Branch
Director Departmental Financial System
Director Management Services Branch
Assistant Deputy Minister Information Services
Exec. Director Computer Processing Division
Exec. Director Computer Systems Division
Exec. Director Tele-communications Division
Assistant Deputy Minister Properties
Exec. Director Property Planning Division
Exec. Director Realty Division
Director Facilities Performance Planning Division
Exec. Director Property Management Division
Exec. Director Property Contract Management Division
Assistant Deputy Minister Supply Management
Exec. Director Procurement Division
Exec. Director Supply Operations Division
Director Air Transportation Services Branch
Director Operational Support Services Branch

Alberta

PUBLIC WORKS, SUPPLY AND SERVICES

March 31, 1987

HISTORICAL PERSPECTIVES

1906 • Department of Public Works created.

1912 • Local Improvement Act transferred to Department of Municipal Affairs.
• Telephone Branch transferred to Department of Railways and Telephones.

1916 • Provincial Institutions transferred from the Provincial Secretary.

1920 • Coal Mines transferred to the Provincial Secretary.

1922 • Administration of Drainage Districts transferred to Department of Railways and Telephones.
• Government Employment Bureau operated jointly by the provincial and federal governments transferred from the Provincial Secretary to Department of Public Works. In 1935 it transferred to Department of Trade and Industry.
• A Commissioner of Labour appointed to administer the Boilers Act.

1927 • Public Works administered the Public Vehicles Act.

1935 • Administration of the Boilers Act transferred to Department of Trade and Industry.

1936 • Public Service Vehicles Act administered by the Highway Traffic Board.

1937 • Boilers Act again transferred to Public Works.

1948 • Provincial Institutions transferred from Public Works to Attorney General's Department.

1951 • Highway construction became a responsibility of the newly created Department of Highways.
• Public Service Vehicles Act transferred to Department of Highways.
• Surveys and construction and maintenance of bridges transferred to Department of Highways.

1953 • Boilers Act transferred to Department of Industries and Labour.

1967 • Design and construction of university buildings transferred to Boards of Governors.
• Maintenance of three agricultural and vocational colleges, located at Olds, Vermilion and Fairview, transferred from Agriculture to Public Works.

1968 • Rental of government-owned residences located at mental institutions and goals transferred to Alberta Housing and Urban Renewal Corporation.

1969 • Grants program to municipalities for construction of swimming pools transferred to Department of Youth.

1975 • Operating and Maintenance Division transferred to new Department of Government Services.
• Housing responsibilities added to create new Department of Housing and Public Works.

1982 • Housing responsibilities transferred to a new Department of Housing.
• Public Works responsibilities amalgamated with those of the Department of Government Services to form a new department of Public Works, Supply and Services.

1983 • Translation Services transferred from Department of Culture to Public Works, Supply and Services.
• Land Assembly transferred from Department of Environment to Public Works, Supply and Services.

1984 • Design and construction of Alberta Hospital, Edmonton and Ponoka, transferred to individual boards.

1985 • Metric Conversion Branch phased out and responsibilities transferred to Departments.

1985 • Translation Services transferred to Federal and Intergovernmental Affairs.

Relevant Statutes:

- Architects Act
- Crown Property Municipal Grants Act
- Department of Environment Act
  Sections 9, 16(2)(f), 16(2)(g) Administered jointly with the Minister of Environment
- Department of Public Works, Supply and Services Act
- Engineering, Geological and Geophysical Professions Act
- Public Works Act
  Administered jointly with the Minister of Transportation and Utilities
- Water Resources Act - Sections 68, 84, 90(7), 92(2) Administered jointly with the Minister of Environment

CAPITAL DEVELOPMENT

PROJECT MANAGEMENT DIVISION 2

Project Management Edmonton 2

Project Management Calgary 3

Specifications and Standards Branch 3

Projects for Departments 3

CONSTRUCTION DIVISION 5

COST CONTROL AND ANALYSIS DIVISION 6

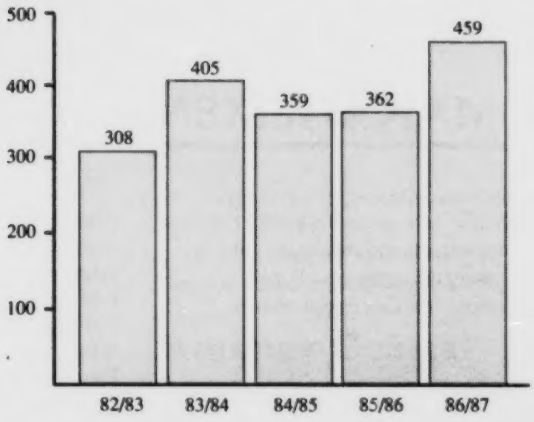
SITE DEVELOPMENT DIVISION 7

TECHNICAL SERVICES DIVISION 7

Capital Development is responsible for all capital projects under the Vote 4 (Planning and Implementation of Construction Projects) Program, and oversees the planning, design and construction of facilities for government departments and agencies. The organization consists of the Assistant Deputy Minister's Office, Construction Division, Cost Control and Analysis Division, Project Management Division, Site Development Division and Technical Services Division.

Capital Development utilizes private consultants and contractors to carry out the work required for all phases of specific projects. During the 1986-87 fiscal year, 326 consulting firms were commissioned, 459 construction contracts awarded, and 453 construction projects completed. A cash flow of $193,972,263 was expended against Vote 4 projects. Projects which fell outside the jurisdiction of Vote 4 included the development of special-purpose leased space, outlets for the Alberta Liquor Control Board (ALCB), and Treasury Branches.

Total Number of Projects Tendered by Capital Development (Vote 4 Projects)



Highlights of the Vote 4 Program for the year under review are as follows:

XV Olympic Winter Games - Calgary, 1988

The Olympic Project Management Team continued to manage the Olympic Alpine Venue, Nakiska, and the Olympic Nordic Centre, Canmore. Construction was substantially complete. Many Olympic test events were conducted at both sites. Post-test modifications are to be completed in the summer of 1987.

Old Courthouse - Calgary

Renovations of this historic building to house the Court of Appeal were completed in May 1986. The total project cost was $9,600,000.

Provincial Court - Medicine Hat

A major addition to and renovation of the existing historic courthouse were completed in April 1986 at a total project cost of $15,200,000.

Alberta Research Council - Millwoods, Edmonton

The New Laboratory and Research Centre in Millwoods was completed in April 1986 at a total project cost of $53,100,000. This facility houses the head office, administration functions, and research laboratories for Alberta Research Council.

Office Building - Calgary

Renovations to historic McDougall School and development of a new park were completed in February 1987, at a total project cost of $32,600,000. Of this, $20 million was expended on the purchase of the land and property.

Remand Centres - Medicine Hat, Red Deer

Construction continued on two remand centres. These will house offenders in the detention, remand, and intermittent sentence status; young offenders; and the regional offices for Probation Services. The Medicine Hat Remand Centre has 78 beds, and 12 beds for young offenders, at a total project cost of $15,490,000. The Red Deer Remand Centre has 96 beds, and 12 beds for young offenders, at a total project cost of $17,200,000.

PROJECT MANAGEMENT DIVISION

The Project Management Division provides professional and technical services in planning and managing capital projects for other government departments. It also provides project management services to government agencies and boards.

The division consists of three entities: Project Management, Edmonton; Project Management, Calgary; and Specifications and Standards Branch. Reports from each of these follow, together with details of work undertaken for various government departments and agencies.

During the 1986-87 fiscal year, **Project Management, Edmonton,** processed 315 capital works projects. Total expenditures were distributed between client departments as follows, including projects assigned to the Calgary Office.

Advanced Education	$	4,197,105
Agriculture		7,037,319
Attorney General		18,198,531
Community and Occupational Health		5,860,391
Culture		11,437,676
Education		2,122,606
Environment		2,710,070
Executive Council		435,811
Forestry, Lands and Wildlife		6,275,692
Hospitals and Medical Care		95,937
Labour		317,381
Manpower		4,035,142
Public Works, Supply and Services		24,262,556
Recreation and Parks		3,612,653
Social Services		10,498,534
Solicitor General		67,866,104
Technology, Research and Telecommunications		5,592,639
Tourism		956,484
Transportation and Utilities		8,631,141
XV Olympic Winter Games 1988		9,828,491
	$	**193,972,263**

During the 1986-87 fiscal year, 91 prime consulting firms were commissioned for 124 new projects. In addition, 191 projects involving 122 prime consulting firms were continued from 1985-86. Funds paid out totalled $10,280,610, which included fees and expenses, costs of tests and other services.

The **Calgary Office** was also responsible for 61 capital projects totalling $20,811,000, one Treasury Branch project for $175,000, and one ALCB project for $90,000. Fifty-two consulting firms were commissioned for the design and planning of 63 projects. Expenditures paid to consultants amounted to $3,139,800 for capital projects. These included professional fees, expenses, surveys, tests and related services.

For the convenience of bidders, Project Management, Calgary, also provided a tender administration service for projects located in the province's southern region and managed by Project Management, Edmonton, Site Development Division, Kananaskis Country, Property Management Division and by the Calgary Office itself. In total, 170 projects were processed.

All architectural, engineering and special consultant firms under commission by the Project Management Division are shown in **Appendix 1**.

The **Specifications and Standards Branch** is responsible for departmental specification policies and practices. Also, it develops master systems, including master specifications, for use in support of the project specifications.

During the 1986-87 fiscal year, the branch participated in all project specifications prepared for the capital construction program, as well as in the documentation relating to bidding, contractual and contract administration requirements.

Maintenance and development of the Master Specification continued. Rewriting of the mechanical and electrical components of the system progressed, with the assistance of specialist engineering consultants. A special "Procurement Master Specification" was developed.

Projects for Departments

Advanced Education

A site was purchased and planning begun for a new Community Vocational Centre in Slave Lake.

Renovation work was completed at Alberta Vocational Centres in Grouard, and at Winnifred Stewart School in Edmonton.

Planning commenced for the provision of a student family housing complex in High Prairie.

Agriculture

O.S. Longman Building, Edmonton: Upgrading of mechanical systems and renovations to laboratories continued at a total cost of $8,600,000.

Alberta Liquor Control Board

The Board's program for the year comprised construction of outlets in Canmore, Cochrane, Provost, and Rocky Mountain House. Construction is underway for a new store with a wine speciality area at Willow Park, Calgary, to be completed in November 1987. Design work started for new stores in Airdrie and Vegreville.

Attorney General

A program continued for upgrading court facilities throughout the province. Major projects undertaken included the following:

Court of Queen's Bench, Calgary: Major renovations costing $9,225,000, started in October 1985, are scheduled for completion in June 1987.

Law Courts, Edmonton: Renovations of Queen's Bench started in September 1985 and continued with construction through the year on functional upgrading. Completion is expected in spring 1988. Estimated total cost of renovations is $20,000,000.

Provincial Court, High Prairie: A new one-courtroom Base Point facility was started in June 1986. It is scheduled for completion in September 1987 at a total cost of $1,900,000.

Courthouse, St. Paul: A new four-courtroom facility was started in December 1986. It is scheduled for completion in September 1988 at a total project cost of $6,410,000.

Culture

Palaeontology Field Station, Brooks (Dinosaur Provincial Park): Under construction were a new Interpretive Centre and field facilities for the search, preparation and display of palaeontological resources found at the Dinosaur Provincial Park. Completion is expected in May 1987 at a total project cost of $2,100,000.

Northern and Southern Jubilee Auditoriums, Edmonton and Calgary: The exterior cladding retrofit was completed in December 1986 and renovations to heating and ventilation continued. Completion of this work is expected in the spring of 1988. Additional renovations, including rehearsal halls, were completed in December 1986. The total project cost of all these improvements is $14,400,000.

Reynolds Alberta Museum, Wetaskiwin: The programming for a major museum for the collection, restoration, and display of motor-driven vehicles from the Reynolds collection was completed. Total project cost for the facility has been established at $17,000,000.

Head-Smashed-In Buffalo Jump, Fort Macleod: Construction continued on this world heritage site for a total project cost of $7,675,000. The schedule for completion is July 1987.

Forestry

Northern Fish Hatchery, Cold Lake: Work began in 1983, the Walleye Ponds being operational in spring 1986. Lake trout were hatched and raised starting September 1986. Official opening is scheduled for summer 1987 and total project cost is $13,800,000.

Kananaskis Country Management

Highwood House, Highwood Area: Design was completed and construction started for a service and information centre at the south entrance to the park. Total project cost is $1,060,000.

Visitors/Operations Complex, Sheep Area: Design was completed and construction started for an administration and information centre at Sheep Region entrance to the park. Total project cost is $690,000.

Manpower

Alberta Opportunity Corps, Peace River: Contract documents were completed for a central Career Development and Employment Centre with a total project cost of $1,065,000.

Alberta Opportunity Corps, Slave Lake: Construction of the Alberta Opportunity Corps building was completed in February 1987 for a total project cost of $2,110,000. This facility will house the ongoing Employment Initiations program in Slave Lake.

Alberta Opportunity Corps, High Level: The construction of the new Vocational Training Building was completed early in March 1987, for a total project cost of $2,040,000.

Public Works, Supply and Services

Provincial Building, Edson: Construction was completed on the new Provincial Building at a total project cost of $13,850,000.

Provincial Building, Provost: Construction commenced on the new Provincial Building, with occupancy scheduled for June 1987. The total project cost is $3,500,000.

Groat Road Building (Percy Page Centre), Edmonton: Renovations to the existing building were started with completion expected in summer 1987. The total project cost is $1,700,000.

Provincial Buildings: Planning and designs were started for Provincial Buildings in Grand Centre, Hinton, Medicine Hat, Slave Lake and Taber. Off-site services and contract drawings were completed for High Prairie.

Fort Chipewyan Granite: A research study was commissioned to investigate the feasibility of opening a building stone granite quarry at the Devil's Gate site north of Fort Chipewyan.

Recreation and Parks

The Regional Parks Workshop at Lac La Biche was completed at a total project cost of $2,780,000.

Social Services

Baker Centre, Calgary: Construction was started on the 30-bed unit for the medically dependent handicapped, the nine new 6-bed homes, the new facility for the day program centre and a 6-bed group home to replace existing residence. With the exception of the 30-bed unit, the facilities are expected to be completed in the summer and fall of 1987. The total project cost for these facilities is $12,975,000.

Five new group homes related to the Baker Centre plan in various locations in Calgary were completed in the early fall of 1986, at a total project cost of $1,680,000.

Rosehaven Care Centre, Camrose: Renovations to the ward buildings were completed during 1986. In addition, the program was finalized for Phase I, a 100-bed replacement facility, at a total project cost of $18,200,00. Design drawings were commenced.

Claresholm Care Centre, Claresholm: In accordance with the long-range development plan, construction was started on the replacement for the Starholm Unit, and expected completion is in the fall of 1987. The total project cost is $3,800,000.

Health Sub-Clinic, Worsley: Construction of a new sub-clinic and office building for the provision of regional, clinical and counselling services was commenced. Estimated completion date is September 1987; total project cost is $1,100,000.

Solicitor General

Construction was started during the year on the capital works program to provide facilities pursuant to the Young Offender Act.

Young Offender Centre, Calgary: Construction commenced in April 1986 on the 112-bed facility, with estimated completion in 1988.

Young Offender Centre, Edmonton: Construction started in October 1986 on the 120-bed facility, with estimated completion in 1988.

New Correctional Centre, Fort Saskatchewan: Construction continued on the replacement of the Old Fort Saskatchewan Correctional Centre. This is a 360-bed medium security facility, for both male and female inmates. Estimated completion is in 1988.

Remand Centre, Medicine Hat: Construction continued on this facility, with expected completion in June 1987. The capacity of this centre is 78 beds.

Remand Centre, Red Deer: Construction continued on the detention and remand centre adjacent to the Provincial Court Building. Expected completion is in May 1987.

Motor Vehicle Licensing Centre, Red Deer: A new centre was completed in February 1987, at a cost of $3,500,000, for licensing, motor vehicles registration and highway patrol.

Tourism

The Travel Information Centre at Canmore was completed for operation in May 1986. Total project cost was $1,340,000.

The Travel Information Centre at Walsh was under construction. Total project cost is $1,340,000.

Transportation and Utilities

New sites were purchased and planning commenced for facilities to replace existing ones at Cardston and Lethbridge. Planning commenced for additional repair shop facilities at Edson and Grimshaw.

Contract documents were completed for a new 8-stall facility at Brooks. Estimated total project cost is $1,565,000.

Planning was completed and construction commenced for a new 13-stall combined replacement facility at Hanna. Total project cost is estimated at $3,200,000.

Construction commenced on the new 22-stall replacement facility at St. Paul, and was completed in February 1987. Total project cost was $4,200,000.

Construction was completed on a new facility at Innisfail, at a total project cost of $1,170,000.

Treasury Branches

Interior improvements were completed on several leased premises. These included a new location for the Fort McMurray branch; facilities at Killarney in Edmonton (which includes three drive-in automatic teller machine locations) and on Macleod Trail in Calgary; and a branch in 16 Plaza Building, Calgary.

Construction was underway on expansion and alteration projects at Cochrane, Drayton Valley, Edmonton (Jasper Avenue), Grande Prairie, Lethbridge and Rimbey.

CONSTRUCTION DIVISION

Responsibilities for the Construction Division included initiating construction starts and monitoring the quality of work, scheduling and changes made to construction contracts. The division was also responsible for providing input on scheduling during the design stage, and providing construction management services on large-scale, multi-year, phased projects.

Appendix 1 shows the various materials testing consultants and special consultants commissioned by the Construction Division. There were 93 new commissions awarded, and payments totalled $494,607.

During the 1986-87 fiscal year, the Construction Division awarded 288 new contracts throughout the province with a total tendered value of $145,191,813.

The division completed and accepted 311 contracts during 1986-87. The value of these contracts totalled $127,933,206.

Two hundred and thirty claims totalling $3,413,137 were filed under Section 14 of Public Works Act.

COST CONTROL AND ANALYSIS DIVISION

During the reporting period, the Cost Control and Analysis Division provided cost planning, estimating and budgetary services in response to 600 requests from the various divisions and branches within Alberta Public Works, Supply and Services. In addition, several feasibility and build/lease studies were completed.

Representation of this division in Calgary was established in November to better respond to the requests from Capital Development, Calgary, offices.

Select and Quotation tendering for minor and specialist building works drew bids from 610 contractors on a total of 198 projects.

Cost advisory services, statistical data and technical information were provided to other government departments and approved agencies on a request basis.

Cost consultants commissioned during the reporting period are listed in **Appendix 1**.

SITE DEVELOPMENT DIVISION

During the 1986-87 fiscal year, the Site Development Division was involved in 171 projects with a total tender value of $13,089,562. The division was also involved in the management and construction of 142 projects that were completed this year for a total construction cost of $8,958,775. These projects included:

- Site services and landscape development components of building facilities; site locations and services development for early childhood education facilities; development of miscellaneous site services, landscape development and municipal systems on project sites, as well as extension of local services to the sites; upgrading or demolition of facilities and buildings in the Restricted Development Areas (Edmonton/ Calgary).

- Management of consultants for site information surveys, construction surveys, legal surveys for land acquisition, materials testing services, hydrogeological services, video pipe inspection services, and municipal design assignments.

In total, 308 consultant commissions were ongoing and payments to consultants totalled $1,880,334.

The division's Administrative Branch provided clerical support services and financial control for provision of consultants to the capital programs of Kananaskis Country Recreation Plan and the 1988 Olympic Winter Games at Mount Allan and Canmore. For these programs, 38 consultant commissions were ongoing and payments to consultants totalled $1,562,436.

The division was responsible for site information reports and made arrangements with municipal authorities and utility companies for off-site services and for completing municipal service agreements.

A consultative service was provided to other divisions in the department as well as to other government departments. This service involved the preparation of technical reports, assessments of utility systems, operation and maintenance reports, and the resolution of complex design problems in the site development discipline affecting projects assigned to consultants. Concept reviews were also conducted on consultant designs in order to assure adherence to government policies and standards.

TECHNICAL SERVICES DIVISION

The Technical Services Division provides technical expertise to the department in the fields of architectural, mechanical, electrical, structural, and geotechnical engineering. These services are provided through establishing design standards; conducting design reviews; producing technical reports, feasibility studies, technical opinions and advice; and developing minor designs.

Design standards are provided to design consultants at the concept stage of all projects.

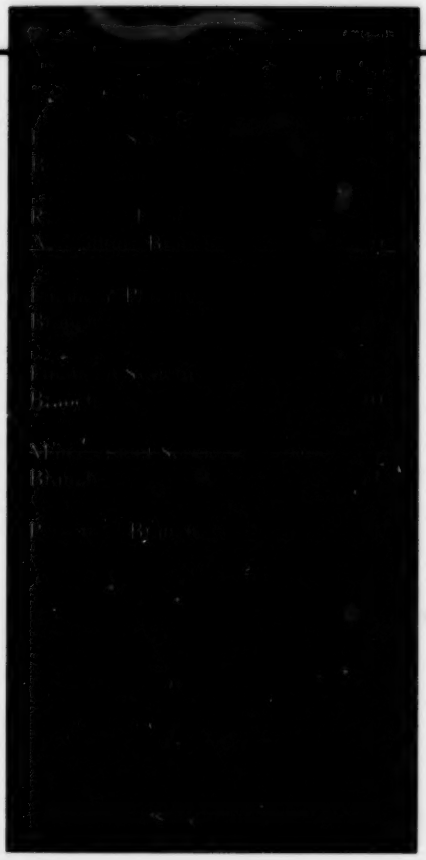
Twenty-one formal technical reports, feasibility studies, and facility evaluations were provided.

Designs and construction inspections were provided for 59 projects, having a total construction value of $4,100,000. These were small projects with an average value of $69,000. In addition, the division cooperated with the Site Development Division in the design and construction inspection of 54 projects having a total construction value of $4,600,000.

The provision of all geotechnical engineering expertise to the department was achieved by hiring and managing consultants, who are listed in **Appendix 1**. In total, 40 reports were obtained at a cost of $300,000.

The development of the process of commissioning continued primarily for mechanical, electrical and control system installations with resources from the mechanical, electrical engineering and energy branches.

FINANCE AND ADMINISTRATION



Finance and Administration is responsible for providing central support services to the department in these areas:

- Finance: This includes both accounts processing and budget preparation, as well as financial control processes.
- Personnel: This includes recruitment, classification, employee relations, organization development, payroll administration and occupational health and safety.
- Electronic data processing (EDP) systems: Primary involvement is with planning and standards, and the provision of project management expertise to line areas during system development and implementation.
- General administration services: These include accommodation, mail, parking, records management, and telephones.

Reports from the branches follow.

Financial Services Branch

The branch provides accounting and tender administration services for the department's General Revenue and Heritage Fund activities.

During 1986-1987, the branch assumed new responsibilities, handled increased volumes of accounts processing and, prior to the expenditure freeze, supported heavy project/contract tendering activities. Major initiatives were as follows:

- Implementation and integration of two major automated accounting systems, Departmental Financial System/Central Financial System (DFS/CFS) and Financial Project System (FPS), into accounts processing functions.
- Decentralization, for major project-oriented divisions, of project-related financial transaction processing and data entry responsibilities.
- Provision of financial advisory services on matters with financial implications. This activity ranged from a review of master contract specifications to financial organization and processing/control requirements within divisions.
- To speed up payment for small dollar purchases, operation of a self-pay purchase order pilot system, in which limits were increased to $250.00 from $50.00. Also, the system was expanded to include services as well as goods.
- Increase from 25% to more than 50% in the use of private sector printing services for plans and specifications.

The branch's key operational statistics for 1986-1987 are as follows:

Invoices processed	198,000
Accounts payable, average processing time	28 days
Projects tendered and closed	310
Plans and specifications issued	7,209 sets

Revolving Fund Accounting Branch

The branch provides accounting services for all departmental activities funded through the Revolving Fund. These services include billing, accounts receivable and payable, fixed asset control, statement preparation and budget analysis. Major initiatives during the reporting period were as follows:

- Continuation of the realignment of functions and resources to support the changing needs of Revolving Fund entities.
- Completion of the development of a microcomputer-based accounts receivable system, to support management of some 9,000 monthly open items.

Financial Planning Branch

The branch is responsible for General Revenue and Heritage Fund financial planning processes; for coordinating, analysing, and making recommendations on the department's program operating and capital budgets; for monitoring expenditures against approved budget plans; and for providing forecasts of year-end financial status to senior management and to Treasury. Activity highlights during the 1986-87 fiscal year were as follows:

- Implementation of the Financial Project System (FPS) under the branch's project leadership. This system is used for budgeting and expenditure control of all the department's project and contract activities.
- Completion of the preparation and training needed to allow use of the new Budget Preparation System. This interfaces with the Departmental Financial System (DFS), and provides for on-line entry and adjustments of new budgets and historical data.

Financial Systems Branch

The branch oversees the development and maintenance of electronic financial systems within the department. Major thrusts during the reporting period were as follows:

- Conversion to the Departmental Financial System/ Central Financial System (DFS/CFS) for payment of accounts. Although several problems associated with the large volumes of transactions had to be overcome, the conversion caused a minimum of disruption.

- Assistance given to implement the Financial Project System (FPS), used by the department to track multi-year projects and contracts.

Management Services Branch

The branch provides systems, records, library and general service functions. During 1986-87, emphasis continued on fiscal restraint, and on the use of technology (data administration, microcomputers and networks) to share information and achieve efficiencies. During the year, activity highlights were as follows:

Systems

- The number of systems identified in the department's Electronic Data Processing (EDP) Operational Plan grew marginally to 137, from the 122 reported last year.

- Emphasis was placed on improved monitoring and administration of software systems and EDP hardware on a divisional level.

- The EDP budget remained constant at $5 million.

- Reliability of the Local Area Network improved, and achieved more than 99% availability.

- The Departmental Financial System (DFS) was implemented.

Records and Library Services

- The department used the Administrative Records Disposition Authority (ARDA) for the disposal of common administrative records.

- In total, 5,300 cu.ft. of outdated records were destroyed in compliance with existing schedules. The result was a considerable cost savings. The department now maintains seven inactive storage areas totalling 5,000 cu.ft. Records Centre holdings currently occupy 11,000 cu.ft.

- Library service levels continued to rise. More than 8,000 patrons used the Library, 14,000 items were loaned, and 136 in-depth reference searches were undertaken.

- The Library subscribed to a variety of bibliographic databases, thereby improving access to information.

General Services

- General Services continued to coordinate and provide administrative support functions in the department. Monitoring of copier selection and telephone changes continued to produce savings.

Personnel Branch

The branch provides general personnel services, including recruitment, classification, employee relations, organization development, payroll administration, and occupational health and safety. Activities during the reporting period included the following:

- The branch assisted line management with the department's initiatives in downsizing and privatization. This activity included the redeployment of employees to more essential positions, and the encouragement of job sharing and voluntary extended leave. The overall result was a reduced permanent work force, achieved with minimal employee disruption. Where staff reductions caused vacancies in essential positions, external recruitment was re-introduced on a limited basis. During the year, abolishment notices were issued to 22 employees, most of which were due to the closure of the Red Deer Data Centre. Counselling and redeployment support was given to affected employees by the Personnel Administration Office as well as by the department.

- Emphasis was placed on implementation of the principal contractor's role in respect to the Occupational Health and Safety Act and the General Safety Regulation.

- Work undertaken in the field of health and safety included 117 work site visits, environmental studies, accident investigations, and training courses.

- The demand for short-term courses dealing with management, supervision, and employee development decreased 12% from the previous year. In total, 1,118 employees attended in-house training programs; 695 attended courses offered by the Personnel Administration Office.

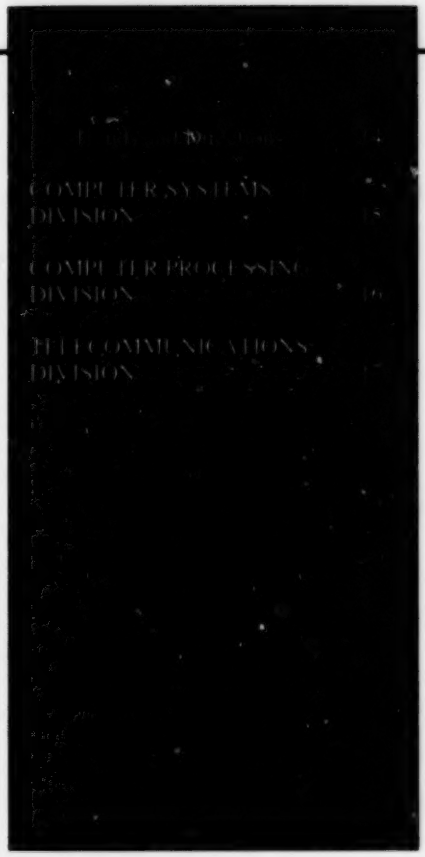
- The Early Retirement Incentive Program came into effect on January 15, 1987. Information packages and application forms were sent to the department's 648

eligible employees. By March 31, 1987, thirty-seven had elected to retire under the program, which finishes on March 31, 1988.

Comparative statistics on permanent positions in the department are shown in the table below.

	Total Positions at March 31	
	1986	**1987**
Minister's Office	5	5
Deputy Minister's Office	4	4
Finance and Administration	175	173
Information Services	605	562
Properties	1,585	1,502
Capital Development	201	214
Supply Management	371	358
Total	**2,946**	**2,818**

INFORMATION SERVICES



The functions of Information Services are:

- To provide effective and efficient electronic data processing (EDP) and telecommunications systems, services and expertise to Alberta Government departments and agencies.
- To establish standards, practices and guidelines necessary to support the effective use of EDP and telecommunications systems and services within the government; and to monitor the application of these standards, practices and guidelines.
- To plan and coordinate EDP and telecommunication facilities and resources for the Alberta Government.

The Information Services mission is carried out through three units: the Computer Systems Division, the Computer Processing Division, and the Telecommunications Division.

The Computer Systems Division provides government-wide planning and monitoring of EDP/automation initiatives; coordinates training, standards, common systems, quality assurance and the application of new technologies; and provides centralized application maintenance and support services for EDP and the office technologies.

The Computer Processing Division plans for and provides facilities and expertise to accommodate timely, accurate and effective computer processing and support activities to satisfy the government's data processing requirements.

The Telecommunications Division is responsible for the planning, servicing and management of all government telecommunications requirements.

During the 1986-87 fiscal year, Information Services directly administered an expenditure budget of $98,892,851. Of this total $44,910,151 was for EDP services provided through a revolving fund. The other $53,982,700 covered telecommunications services, as well as funding for activities such as monitoring, standards, and security.

Trends and Directions

Technological change, and restraint on electronic data processing (EDP) spending, mean that the distribution of today's EDP dollar is different from that of the early 1980s. Although government spending on EDP is levelling off, discretionary spending on systems has been reduced substantially, while recurring cost areas are constant or growing.

Changes in Spending Patterns

At the peak of the Alberta boom, the government was planning and building complex, expensive systems. In 1982-83, for example, development of new systems accounted for 21% of EDP spending; today, development accounts for only 11%. New development projects are subjected to extensive scrutiny to ensure that they will provide real and measurable benefits.

Maintenance and enhancement of operational systems now account for 16% of EDP spending, compared with less than 10% in 1982-83. Because of the recurring nature of maintenance, it tends to be handled by permanent staff, and thus becomes a significant factor in the growth of the EDP manpower component in government departments.

In 1982-83, computer-based services in Alberta Public Works, Supply and Services computer centres cost $43 million, and accounted for approximately 41% of EDP spending. Today, the comparative figures are approximately $45 million and 32%. This has been made possible, in part, by tremendous improvements in price/performance ratios in the data processing industry. The effect of these improvements has been reflected through the 70% reduction, over the last five years, in processing rates.

Two factors are helping keep telecommunications costs stable, even though demand is increasing. First, the telecommunications industry is experiencing technological advances which have greatly improved price/performance ratios. Second, telecommunication needs of government departments are constantly under review and, where possible, shared lines are replacing dedicated data lines to maximize usage and to reduce costs.

Growth in Microcomputer Use

Microcomputers are proliferating in the Alberta Government, just as they are elsewhere. They have user-friendly languages which allow non-EDP staff to do their own modelling, analytical processing, and personal application development. However, the growing number of microcomputers in use has increased the need for operational support, for maintenance, and for staff to train and support the users.

Traditional EDP systems require a large front-end expenditure before they can be implemented. This makes it difficult for users to shift priorities once development has started. Microcomputer systems, on the other hand, can be acquired for a low initial cost, with more expenditures being made as funds allow. This factor explains why more and more of discretionary EDP spending is being made on micro systems technology.

An inevitable effect of this growth is a corresponding increase in maintenance and supplies. In the year ahead, for the first time, maintenance of departmental microcomputers, minicomputers, and word processors is likely to exceed $10 million. Although steps are being taken to explore ways minimizing these costs (for example, an interdepartmental committee has been struck to look at the problem), growth seems certain to continue.

Despite the distribution of more processing capabilities to user locations, the demand for centralized computing services remains strong. Departments are viewing their data as a global corporate resource, necessary for decision making. Integrated data architectures are being demanded which can only be provided effectively by large-scale computers. The technology to extract subsets from large data bases and transfer them to local processors for manipulation and analysis is providing management with new opportunities to benefit from automation.

For this division, the 1986-87 fiscal year was a period of stabilization, despite demands to increase services and to accommodate newer technologies.

COMPUTER SYSTEMS DIVISION

As indicated in the Trends and Directions section of this report, maintenance and enhancements grew as a percentage of EDP activity. Much of this increase related to systems developed during the boom years, but which are only now becoming fully operational. **Figure 1**, for instance, shows that maintained systems increased in this reporting period to 81 from 65. (Note: Totals in Figure 1 for 1983 through 1985 include systems which, in the 1985-86 fiscal year, were transferred to other departments.)

Another continuing change in the division's activity results from more end-user computing, more office automation, and more integration of all forms of EDP and telecommunications. During 1986-87, these trends called for some reorganization, first, of the maintenance workload to provide a project support capability and, second, of the training function.

Key elements in the department's current use of EDP are the recognition of information as an essential resource and of the need to manage it carefully. Thus, during the year, more standards and guidelines were written to help individuals deal with issues concerning information management.

At the same time, the continuing need for central coordination increased the sharing of resources and reduced duplication of effort. One result of this trend was implementation of the Personnel Information Access System (PIAS). This is for use by all Alberta Government personnel branches whose data resides in the Personnel Administration Office's central system. **Figure 2** reflects this change, and shows that 16 systems are now common to all government departments and agencies.

A significant aspect of the division's work concerns increased pressures to provide services and support systems within the smaller user budgets resulting from fiscal restraint. This calls for meaningful strategic plans for EDP use, on a departmental basis. In the cause of reduced EDP spending, the division continues to review and monitor EDP expenditures to ensure that they are producing measurable benefits.

Figure 1
Number of Systems Maintained

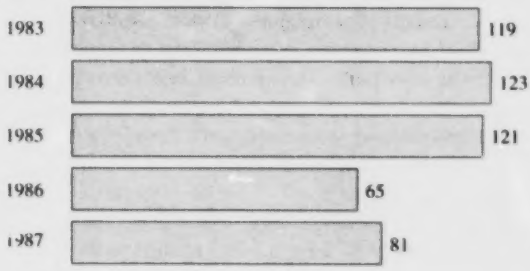
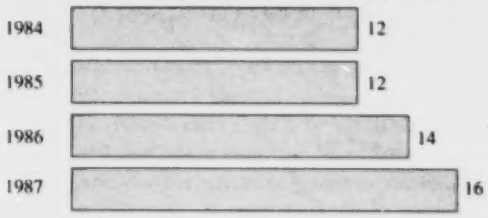


Figure 2
Number of Common Systems Supported



COMPUTER PROCESSING DIVISION

During the 1986-87 fiscal year, the division continued to increase its volumes of services without a corresponding increase in costs, and while continuing to downsize staff.

The growth in processing volumes, which continues each year, is shown in **Figure 3**. Growth was particularly evident in Central Processing Unit (CPU) hours during prime time. The number of computer hours jumped from 7,660 to 11,200. This reflects two things: (1) a continuing shift by users to on-line systems; and (2) new requirements for additional systems.

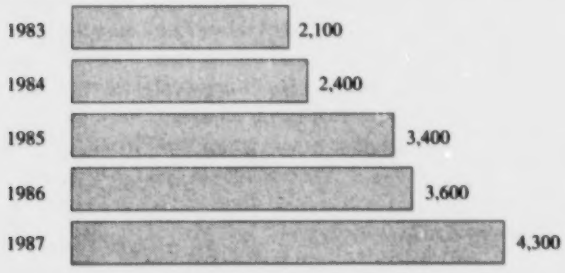
Significant numbers of peripherals, as well as enhancements to existing processors, were acquired to accommodate increased workloads. Nonetheless, hardware costs decreased substantially. This was due to major cost reductions for installed equipment, and a better price performance for new equipment.

The division's expenditures during 1986-87 were $37.0 million, a decrease of 16% from $44.2 million in the previous year. At the same time, three factors combined to produce more revenue than projected: the growth in processing volumes, the shift to on-line usage, and significant cost reductions for computer hardware. Accordingly, shared processing rates in 1987-88 are being reduced by 24%. Further rate reductions are projected for 1988-89.

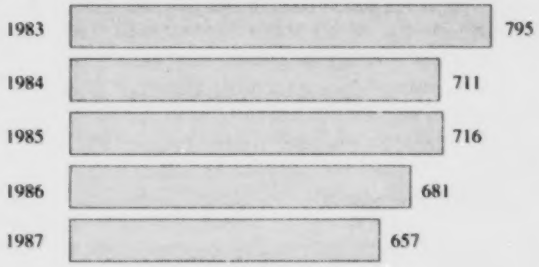
The division's staff was reduced by 27 full-time positions. Most of these positions were eliminated through attrition or through the closure of the Red Deer Data Centre. However, the departure of good operators in the past few years, through attrition and redeployment, has reduced the hourly keying rate, as can be seen in **Figure 3**.

Figure 3
Monthly Volume Comparisons

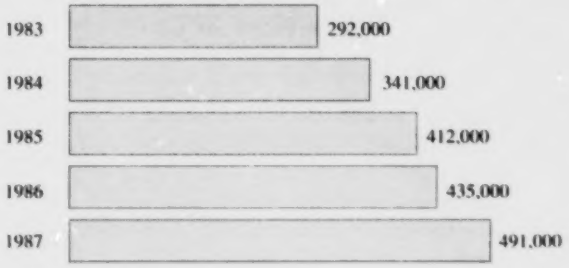
NUMBER OF TERMINALS



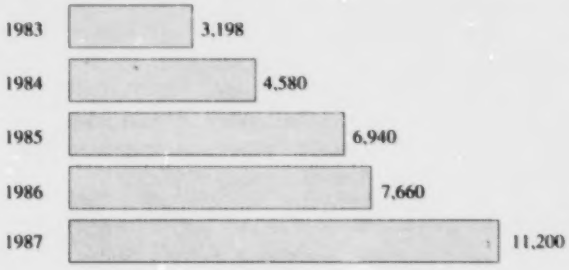
NUMBER OF LINES PRINTED (Millions)



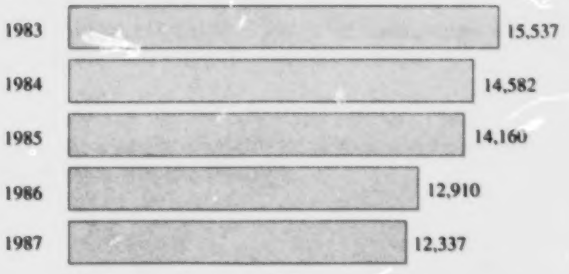
NUMBER OF COMPUTER JOBS



COMPUTER HOURS



AVERAGE KEYSTROKES/PERSON/HOUR



TELECOMMUNICATIONS DIVISION

A significant accomplishment by the division during the 1986-87 fiscal year was completion of MDMRS - the multi-departmental mobile radio system. MDMRS, which is province-wide, comprises 120 radio repeater sites. Its Control Centre operates 24 hours a day, and, during 1986-87, handled 80,000 calls. An important development was a successful operational test conducted with the Alberta Forest Service in Whitecourt Forest. The outcome was a plan to phase in MDMRS in the other nine provincial forests.

The Alberta Government Network (AGN), a province-wide system of switchboards and government tie lines, continued to carry increasing traffic loads. The traffic recording system developed in the 1985-86 fiscal year is now in operation. This allows for the introduction of cost control measures to reduce abuses of the network. Also, the recording system will enhance network planning. A map of the AGN is shown as **Figure 4**.

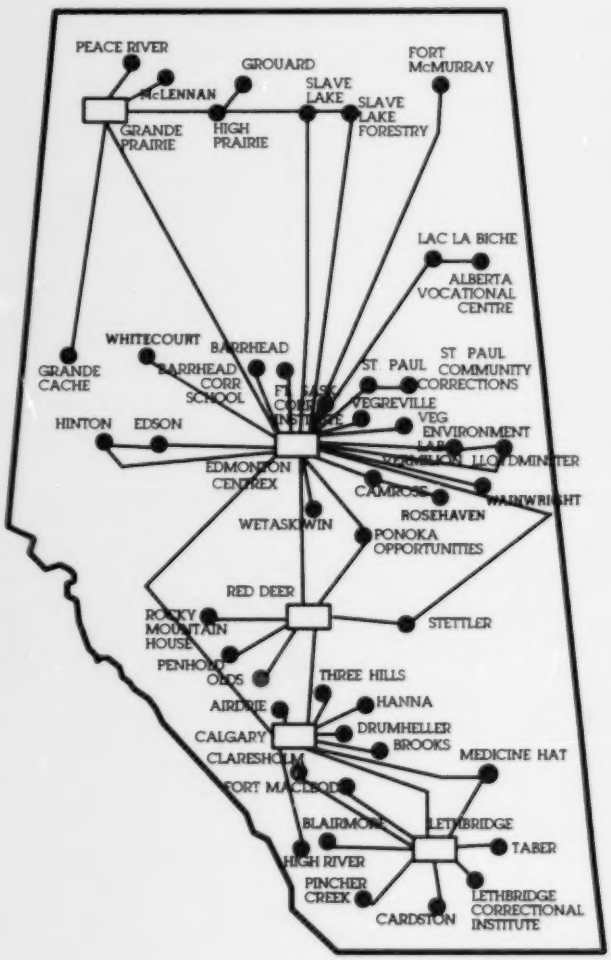
In the area of data communications, planning continues for province-wide access to computer resources. In this context, the specifications for a government packet-switched data network were completed and released to suppliers. This network will increase the availability of computer access, reduce costs through sharing, and facilitate network management.

Technology trials during the year included a pilot test of an integrated voice/data service. The test was made in cooperation with the Alberta Research Council, 'edmonton telephones', and Northern Telecom. Plans have also been completed for a full test in 1987-88 of Very Small Aperture Terminal (VSAT) technology in a data communications environment. The test will involve several government departments, the federal Department of Communications and Telesat Canada.

In cooperation with Alberta Government Telephones and Northern Telecom, division staff replaced 25 obsolescent government switchboards throughout Alberta with modern digital equipment. This equipment is designed to handle voice and future data services. The replacement operation was done at overall reduced cost.

Other modernization projects included installation of new R.I.T.E. centres at Wainwright and Whitecourt, new switchboards for Alberta Social Services district offices in Edmonton, and new voice/data integrated wiring systems at two locations.

Figure 4
Alberta Government Network (AGN)



PROPERTIES

PROPERTY PLANNING DIVISION
Administration Section
Budget
Project Administration Budget
** Project Development Budget
REALTY DIVISION
PROPERTY MANAGEMENT DIVISION
PROPERTY CONTRACT MANAGEMENT DIVISION
FACILITIES PERFORMANCE PLANNING DIVISION

The Properties organization is responsible for the planning, acquisition, disposal and management of land, buildings and related facilities owned by Alberta Public Works, Supply and Services. It is responsible for all land requirements of the Alberta Government, with the exception of Alberta Transportation. The Properties organization manages the payment of grants-in-lieu of taxes under the authority of The Crown Property Municipal Grants Act.

During the 1986-87 fiscal year, Properties was directly responsible for the following budgets:

Vote 3 - Management of Properties	$ 270,142,300
Vote 6 - Land Assembly	12,405,800
Capital City Park Land	850,000
Fish Creek Park Land	350,000
Irrigation Head Admin. Support	67,000
	$ 283,815,100

The organization also provided full land planning and acquisition services to Environment Heritage programs and to the Alberta Government Land Purchase Fund. These had land acquisition budgets of $1,000,000 and $40,000,000 respectively.

The scope of Properties' responsibilities extends from support for long- and short-term planning and implementation of the government's land needs and general purpose office and warehouse space, to evaluation and maintenance programs designed to make the most economical and effective use of facilities throughout their life.

During 1986-87, more than 65 433 m^2 of owned space was turned over to the Property Contract Management Division as part of the continued effort to manage government-owned and leased facilities through the private sector. In total, 483 325 m^2 of owned space and 591 106 m^2 of leased space is now managed through private sector contracts.

Reports follow from each of Properties' five divisions.

PROPERTY PLANNING DIVISION

The division is responsible for long- and short-term planning of departmental office and warehouse space needs, for designing and constructing tenant improvements in office and warehouse space, for developing and maintaining standards for office space and furniture entitlements, and for managing the inventory of space occupied by the provincial government.

During the 1986-87 fiscal year, expenditures on accommodation projects totalled $13.4 million, including tenant improvement construction of $7.7 million, consultant fees of $2.1 million, moving services of $600,000, and furniture of $3.0 million.

The division's responsibilities are executed through the following branches:

Administrative Services Branch

The branch has three units:

- Records Centre, which maintains the file inventory for all branches in the division.
- Financial Unit, which coordinates the divisional program and operating budget, prepares financial reports for divisional managers, and maintains financial control over all expenditures. The latter responsibility includes processing orders and invoices for office furniture, consultants, operating budget expenditures and tenant improvement projects.
- Word Processing Unit, which is responsible for producing memoranda, letters and reports, using the division's word processing system.

Project Administration Branch

The branch manages construction of tenant improvements in leased and existing Crown-owned office and warehouse space. It ensures that all assigned projects are completed within established schedules, scope and budget constraints. Branch responsibilities include setting time frames, preparing tender packages, reviewing tenders and quotations, awarding contracts, conducting site inspections, and issuing acceptance letters on completed projects.

During 1986-87, the branch managed 396 projects with construction expenditures of $12.9 million. These included budgetary, turnkey, and build-to-lease projects.

Additional branch responsibilities include the following:

- Providing moving services.
- Coordinating telecommunications and computer services.
- Supplying new standard furniture associated with accommodation, additional furniture for program departments, and maintaining a recycle furniture program.
- Maintaining specifications and standards for office furniture.

Project Development Branch

The branch plans and designs all general purpose office and warehouse accommodation in response to requests from, and in conjunction with, government departments and agencies. Office space needs are satisfied within existing space, by acquiring new leased space, or by construction of provincial buildings.

Branch activities can be divided into short- and long-term functions.

Short-term: Identifying accommodation needs for departmental programs; procuring and allocating space, and arranging the interior design and furnishings for multi-departmental premises in urban and rural areas.

Long-term: Planning accommodation at the corporate level, developing strategies for build/lease decisions and long-range space forecasts, and making cost/benefit recommendations for construction of office space, such as new provincial buildings and office complexes.

Other branch services include responsibility for standards and specifications for office space, developing programs to meet occupants' needs in provincial buildings and in major office complexes and managing space and parking inventory control systems.

REALTY DIVISION

The division's activities fall into four groups: Grants-in-Lieu of Taxes, Leasing, Land Acquisition, and Land Planning and Management. Details of transactions during the 1986-87 fiscal year relating to grants-in-lieu of taxes, leases, land acquisition, and R.D.A (Restricted Development Areas) land acquisition are shown in the tables which follow the commentaries on each of the division's activities.

Grants-in-Lieu of Taxes

The division administers the Grants-in-Lieu of Taxes, Local Improvements Taxes and Business Revitalization Zone Taxes payments program for all Crown-owned property (grants are paid to lower-level governments in lieu of property taxes).

Leasing

The Leasing Branch acquires leased space on behalf of all government departments, and undertakes related lease negotiation and documentation services. Similar services are provided to Treasury Branches and the Energy Resources Conservation Board.

Land Acquisition

The Land Acquisition Branch acquires all properties required by the Alberta Government, with the exception of Alberta Transportation. Disposals are undertaken for Alberta Public Works, Supply and Services, for Treasury Branches, and, in some cases, for the Alberta Liquor Control Board.

Acquisitions are funded through various sources including Vote 4, Vote 6, the Alberta Government Land Purchase Fund, the Alberta Heritage Savings Trust Fund (Alberta Public Works, Supply and Services, and Alberta Environment components), Treasury Branches, and the Alberta Liquor Control Board.

Lands are acquired for various government programs and projects. During 1986-87, the department purchased 15 properties in the Calgary Restricted Development Area and 11 in the Edmonton and Sherwood Park West Restricted Development Area. At March 31, 1987, 80% of the land required for the Oldman River Dam Project had been acquired.

Land Planning and Management

The reporting period was the second year of operation for the Land Planning and Management Branch. It has two functional areas:

- Land Planning, which includes defining the land acquisition needs of other departments, recommending budgets, and initiating projects with approved scope and time frames for the Land Acquisition Branch.
- Land Management, which prepares and administers all lease agreements for land in the Calgary and Edmonton Restricted Development Areas.

Transactions

The division's transactions shown in the following tables compare data for the 1986-87 fiscal year with those for the previous year.

	1986-87	1985-86
Grants-in-Lieu of Taxes		
Number of claims	5,803	5,119
Amount of grants-in-lieu of taxes	$29,626,960	$28,605,444
Amount for local improvements	159,636	184,877
TOTAL	**$29,786,596**	**$28,790,321**
Leases		
Number of rents payable and accounts receivable	1,344	1,307
Annual amount of accounts receivable	$6,001,956	$6,355,377
Annual amount of rents payable (including all lease costs)	$79,630,776	$77,291,209
Number of leases for Treasury Branches and Energy Resources Conservation Board	57	61
Annual value of Treasury Branches and Energy Resources Conservation Board leases	$8,444,783	$8,512,327

Land Acquisition		
Vote 6	$ 8,640,588	$ 9,840,000
Government Land Purchase Fund (R.D.A.)	$20,750,000	$22,846,000
Projects funded from the Alberta Heritage Savings Trust Fund	$ 1,033,906	$ 1,069,287
TOTAL	**$30,424,494**	**$33,755,287**

Re-imbursement to the City of Edmonton for lands acquired for Capital City Recreation Park	$67,000	N/A
R.D.A. Leases		
Number of accounts receivable	223	141
Annual amount of accounts receivable	$608,500	$438,220

PROPERTY MANAGEMENT DIVISION

The division is responsible for the management, operation and maintenance of government-owned facilities. Services are provided through three geographical regions and an Operational Support Branch. The three regions are shown in **Figure 5** with the regions' 13 managerial jurisdictions.

At March 31, 1987, the division was responsible for 1 823 000 m^2 of owned space. During the 1986-87 fiscal year, 65 433 m^2 of owned space was transferred to the Property Contract Management Division.

Figures 6 and 7 on the facing page show, respectively, a five-year comparison of the owned space maintained by the division, and a summary of operating and maintenance costs for 1986-87, in owned space, by functional costing categories.

In addition to its responsibility for the management, operation and maintenance of government space, the division was involved in the following activities:

Operational Support

During the reporting period, to provide more effective centralized services, the Operational Support Branch was formed. The new branch integrates the functions previously undertaken by the Security and Divisional Support branches with those of the newly created Inspection and Speciality Services and Contracted Services sections.

Figure 5
Property Management Division
Physical Plant Regions

Security

The Security Office at Government Centre, Edmonton, continued to provide uniformed patrols and security supervision of sites in the urban Edmonton area, as well as electronic monitoring of various locations in the province. Consulting services in all aspects of security were provided, on request, to government departments.

Food Service Contracts

At March 31, 1987, a total of 31 cafeteria contracts and 14 contracts for vending operations were in place in government-owned and leased space. Also, special Food Services Program Assistance was given to several government departments, including Alberta Culture and Alberta Education.

Custodial Services

Support to building managers and superintendents in tendering and awarding custodial contracts continued to increase. During 1986-87, 190 custodial contracts were in place for provincial government buildings. In addition, 103 were established for various Treasury Branches.

Landscaping

Contract development and administration assistance were provided, as required, to the division's field staff.

Significant during the year was the special emphasis placed on prequalification documents, procedures, standardization and implementation. Inspections were carried out at various sites for the division as well as for the Property Contract Management Division. Assistance with maintenance programming continued with other divisions in the department.

Figure 6
Property Management Division
Owned Space Maintained
(Thousands of Square Metres)

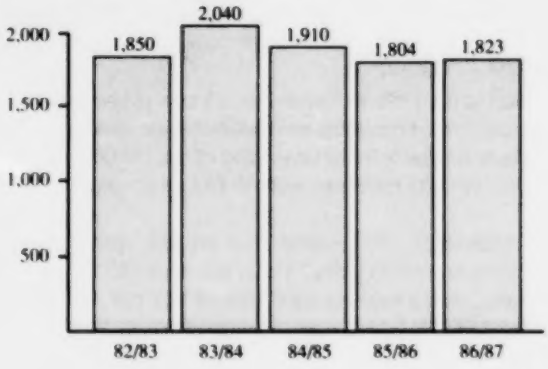
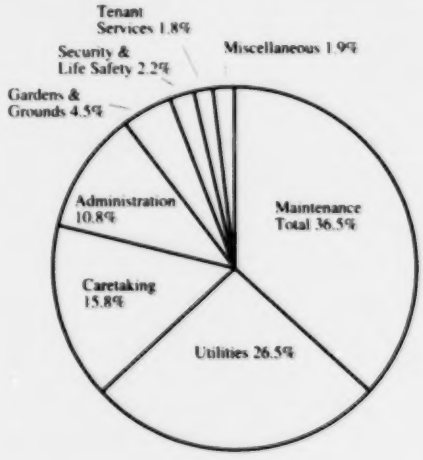


Figure 7
Property Management Division
All Owned Buildings - Functional Costs



Function	Amount	Cost per Square Metre
Maintenance Total	$ 30,408,137	$ 18.22
General	14,053,773	8.42
Plumbing	5,617,442	3.36
Electrical	3,949,992	2.37
H.V.A.C.	2,542,145	1.52
Carpentry	2,165,496	1.30
Painting	2,079,289	1.25
Utilities	22,128,782	13.25
Caretaking	13,168,001	7.89
Administration	8,997,827	5.39
Gardens & Grounds	3,790,710	2.27
Miscellaneous	1,539,279	0.92
Tenant Services	1,494,765	0.90
Total	**$ 83,397,541**	**$ 48.84**

PROPERTY CONTRACT MANAGEMENT DIVISION

The division is responsible for managing government-owned property through property management contracts and for managing leased property through lease agreements and tenant services contracts. Reports on both activity areas follow.

Owned Property

- During the 1986-87 fiscal year, 12 new property management contracts were tendered and awarded. These contracts had a total value of $6,350,065 and involved 121 buildings with 65 433 m^2 of space.
- At March 31, 1987, a total of 45 property management contracts were in place. These involved 483 325 m^2 of space, with a total contract value of $27,199,246 with $11,889,128 in expenditures in the 1986-87 fiscal year.
- At March 31, 1987, 20.6% of all government-owned space was being managed by contract.

Leased Property

- At March 31, 1987, leased space managed by the division comprised 783 payable leases (including 19 outside the province), 561 receivable leases, and 53 leases on behalf of Treasury Branches.
- During 1986-87, all leased space was serviced by tenant services contracts, with expenditures of $2,640,054.
- Total annual expenditure for leased property, excluding rental payment and tenant services work, was $6,012,351.

FACILITIES PERFORMANCE PLANNING DIVISION

The division's work falls into four groups: Building Sciences, Facility Evaluation, Facilities Management, and Energy and Control Systems.

Building Sciences

The Building Sciences Branch combines a number of disciplines engaged in research, standards setting, and in identifying and solving problems in new and existing facilities. Branch objectives are to promote technology transfer and to provide information to the construction industry which will help improve the quality of building. Specialized building science resources are provided to the department and, where appropriate, to other government departments and agencies.

Facility Evaluation

During the 1986-87 fiscal year, the Facility Evaluation Branch managed 110 evaluations in government-owned buildings. The purpose was to develop planned maintenance programs and highlight maintenance needs. The evaluations were undertaken by private sector consulting teams and 24 consultants were employed, for total fees of $584,549.

Responsibility for implementing maintenance projects identified through Facility Evaluation is included in the division's mandate.

Facilities Maintenance

The Facilities Maintenance Branch provides technical and professional resources to the Property Planning, Property Management, and Property Contract Management divisions. During 1986-87, approximately 1,000 routine maintenance projects were addressed. Assistance in this task was rendered by 26 private sector consultants, whose work was managed by the branch's project specialists. Fees for consultants totalled $550,581.

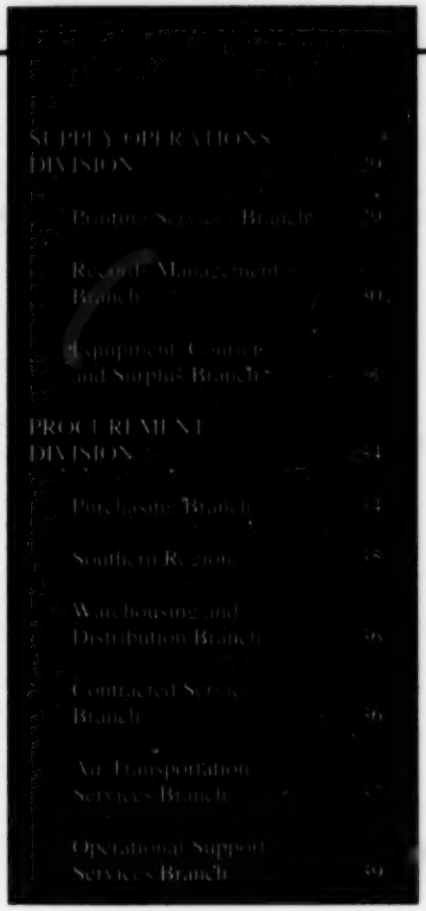
Energy and Control Systems

The Energy and Control Systems Branch provides the department with these services:

- Standards and guidelines for the energy targets in new buildings.
- Retrofit energy targets for existing facilities.
- Automated control system strategies for new buildings.
- Priorities for upgrading existing facilities.
- Educational programs in the use of automated controls for operational staff.

During the reporting period, 15 buildings were identified for automated control system retrofits. In all cases, the retrofits resulted in improved energy efficiency and environmental conditions in government-owned facilities.

SUPPLY MANAGEMENT



Supply Management is responsible for the delivery of a wide variety of materials and service management programs to government departments. These programs include procurement of materials and services, warehousing and distribution of common-use items, marketing of surplus materials, vehicle fleet management, office equipment maintenance, courier service, printing and duplicating, records management, air transportation, and advisory services in the areas of standards, specifications and quality assurance.

Supply Management operates mainly through two divisions: Supply Operations and Procurement. The Air Transportation Services Branch and the Operational Support Services Branch report directly to the Assistant Deputy Minister.

During the 1986-87 fiscal year, emphasis was again placed on identification of opportunities to reduce costs and a critical assessment of Supply Management activities continued throughout the reporting period. Wherever possible, operations were further downsized and streamlined; functions continue to be amalgamated, automated or eliminated. Staff was reduced by 13 permanent positions and the Supply Management program budget was reduced by 8%. Opportunities to privatize functions, where advantageous, were also identified.

Supply Management branches continued to emphasize the importance of providing assistance and advice in support of the Alberta business community. Additional effort was directed toward ensuring that information on how to deal with government is widely disseminated and understood. Procedures under which goods are purchased are also kept simple and as straightforward as possible, to reduce costs. As well, Supply Management attempts to direct suppliers and facilitate the payment of accounts. Product specifications favourable to Alberta suppliers also continue to be established.

Further progress was made in streamlining operations and in making delivery of services more efficient. The ability to respond to the needs of program departments in a satisfactory manner was maintained, while implementing cost-saving measures. The use of microcomputers to automate administrative and operational activities has made it possible to maintain service levels with fewer human resources.

During 1986-87, Supply Management represented the department in a number of interdepartmental and intergovernmental activities, and worked closely with the Office of the Alberta Trade Representative in support of bilateral trade negotiations. Supply Management participated in the review of position papers for the bilateral trade negotiations, and played a lead role in preparing a major paper on Alberta's position on the element of the bilateral trade negotiations concerned with government procurement. Liaison with the Alberta Trade Representative will continue as activities for the multilateral (GATT) negotiations intensify.

Discussions also commenced during the year on the reduction of interprovincial trade barriers. Supply Management worked closely

with the Department of Economic Development and Trade in the review of this issue.

Supply Management has made several advances, in cooperation with other public agencies, to further the use of government procurement as an instrument of economic development. This work has been undertaken in accordance with the 1985 Canada/Alberta Memorandum of Understanding and the more recent federal/provincial Ministers' Conference on government procurement, which have the following objectives:

- Equitable, regional distribution of federal government procurement.
- Increased participation of regional suppliers and small businesses in government procurement.
- Promotion of new product development and an increase in Canadian value-added.
- Increased coordination of public sector markets to support improved procurement and supplier productivity.

Activities undertaken in support of the Memorandum included the following:

- Preparation of a submission to the federal government recommending specific changes in procurement policies to decentralize procurement.
- Comparison of federal and provincial vendor source lists, leading to invitations to additional suppliers to become registered with both governments.
- Examination of particular commodity areas to isolate imported products and assess the potential for these to be manufactured locally.
- Conceptual planning and investigation into the potential for an "Alberta Procurement Information Base". Intent of base would be to offer vendors easy access to tender information from the many procurement units in the province.

Supply Management conducted a two-day forum on public procurement. It was attended by representatives of the business community who were given information on Alberta Government purchasing policies, procedures and statistics, and invited to submit comments and proposals for implementation. Following this forum, recommendations were made to Public Works, Supply and Services Minister, Honourable Ernie Isley, concerning opportunities for cooperative purchasing, methods of improving access to government tender information, and supplier education seminars. Those recommendations are being acted upon by Supply Management.

SUPPLY OPERATIONS DIVISION

The Supply Operations Division provides printing services, records management, vehicle leasing and maintenance, office equipment rental and repair, central courier and delivery, and asset disposal. It operates through three branches: Printing Services; Records Management; and Equipment, Courier and Surplus.

Printing Services Branch

The branch, comprising the Central Duplicating Plant and two Quick Print Centres, provides integrated copying, duplicating and printing services to all government departments. Advice is also provided to assist users in preparing material for printing and the most cost-effective printing method. During the 1986-87 fiscal year, priorities continued to be downsizing and enhanced productivity. Attention was also focused on quality, service response, employee training, and occupational safety practices.

Internal printing and duplicating is directed toward low-volume requirements, requiring fast service (usually 4-5 days), and jobs of a confidential or priority nature. The average value per order is $290, which generally is not economic to tender. Work contracted to the private sector represents 93% of total printing expenditures processed through this branch and the Public Affairs Bureau. However, that percentage does not include expenditures by internal duplicating and printing facilities located in various government departments.

In response to financial restraint and downsizing, the branch reduced its staff complement by three permanent positions. Over the past five years, downsizing initiatives have resulted in a 22% manpower reduction.

The Central Duplicating Plant continues to do the typesetting of legislative publications and the printing of low-value projects. The plant's printing and duplicating workload was comparable with that of the last fiscal year; however, fewer resources were used to accomplish the task. To meet the service response required by the Legislative Assembly Office increased use was made of the tele-linked computerized typesetting system. Overall, the plant's delivery service response was improved 20%, partially as a result of an ongoing productivity enhancement program.

The workload at the Quick Print Centres stabilized following the closure of the Calgary Quick Print facility. Consolidation of resources and balancing of workload between the two Quick Print Centres was completed; thereby maintaining the average 8-hour delivery response for the 25,235 work orders processed. The average value per order was $54. To streamline operations, preparation of procedures, documentation of production information, and work-flow charting were completed. Also, a plan for the future collection of data through automation was prepared.

The two Edmonton Quick Print Centres continued to service all government departments as a cost-effective alternative to photo-duplicators and copiers. Collating, drilling, binding and twice-daily courier pickup and delivery complement the service convenience, and contribute to cost savings and efficiency.

Efficiency measures introduced by the branch enabled it to absorb increased manpower and material costs while maintaining internal charge-back rates at previous levels.

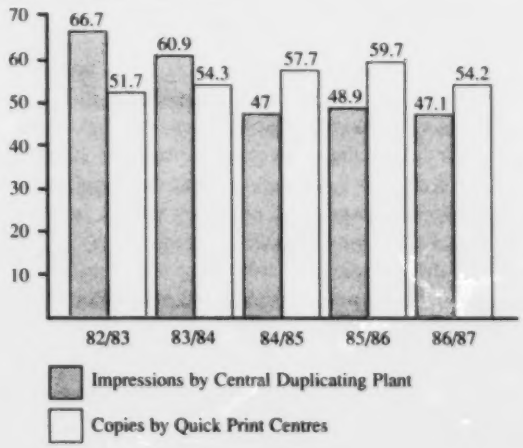
Voluntary participation in the Alberta Printing Apprenticeship Training and other selected courses have contributed to staff development. Five employees have completed the four-year voluntary apprenticeship program; three employees enrolled in the last session.

A substantial reduction in the numbers, frequency, and severity of accidents was achieved; working days lost were reduced from eleven to one.

A security review of the Queen's Printer Building was also completed. Recommendations were made and implemented to improve the overall security of the facility.

Figure 8 provides a five-year comparison of the number of impressions and copies produced by the branch.

Figure 8
Printing Services - Impressions and Copies Produced (Millions)



Records Management Branch

The branch oversees the Alberta public records management program, provides training to records management offices and advisory services to government departments. The branch also manages and maintains centralized records storage facilities for microfilm, paper and electronic media such as computer tapes, diskettes and disk packs.

The net accessions (total intake of material minus disposals from accessions) were 21,000 cubic feet for the year. This was double the intake in the previous year and may indicate a reduction in the amount of office space used for records storage. It is estimated that use of the branch's specialized, high-density storage rather than office space results in annual savings of over $1 million.

Current paper record holdings in the Records Centre are 122,100 cubic feet, or 65% of total available capacity. The introduction of cartridge tapes for data storage during the year reduced the number of tapes held in the Records Centre by 40%, to 18,000. This is 50% of tape storage capacity.

In Calgary, a private sector firm provides records storage and reference services to departments located in southern Alberta. Calgary holdings at March 31, 1987, were 14,500 cubic feet of paper records and 500 computer tapes.

Figures 9, 10 and 11 show accessions, references and disposals for the past five years. At the present rate of growth in record holdings, the present facilities will be full by 1990. A study has been initiated to review records management needs and policies to determine the facilities required for the next 15 years.

During 1986-87, retrieval and maintenance of records reached 243,846 transactions, an increase of 16% over the previous year. Of these reference requests, 201,200 dealt with electronic information. Disposal of records totalled 73,207 cubic feet, a 20% decrease from the previous year. A review of disposal experience over the past five years indicates that departments have disposed of a large proportion of their obsolete records. Disposal of records is accomplished through pulping. The work is done by a private firm, and monitored by branch personnel to ensure confidentiality.

The first phase of the computerized file location system was completed in this reporting period. It improves the

Figure 9
Records Management Accessions: Intake of New Storage Material (Cubic Feet)

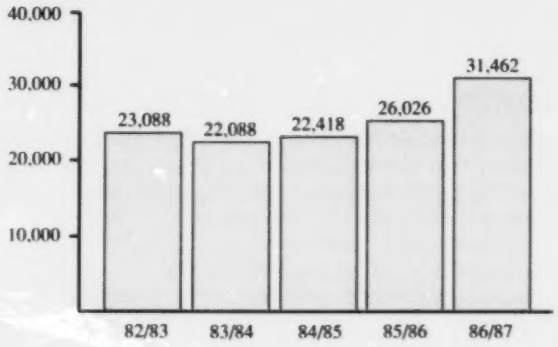


Figure 10
Records Management References: Request for Retrieval

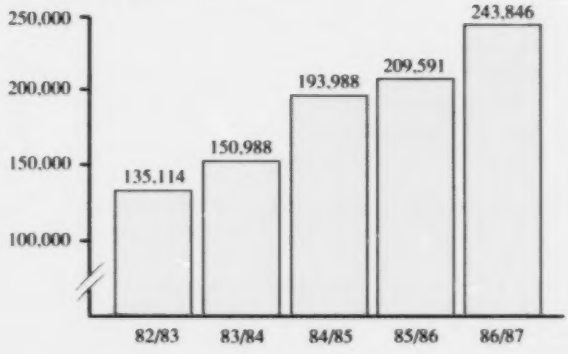
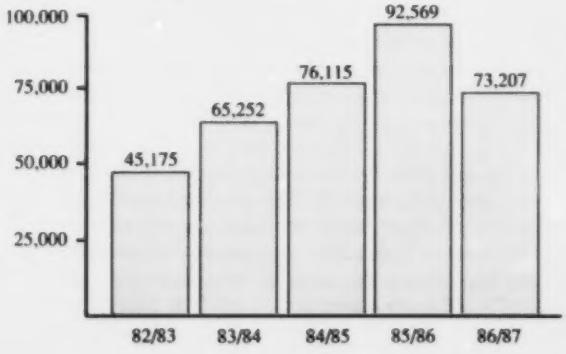


Figure 11
Records Management Disposals (Cubic Feet)



location identification, reference actions and planning for disposals which, in turn, reduces costs. Also completed was the computerized indexing of records for all terminated government employees; this will expedite retrieval of information upon request.

A major achievement in 1986-87 was the issuance of a Government of Alberta Records Management Policy, which outlines the role and responsibilities of the Public Records Committee, Provincial Archives, Records Management Branch and the departments. In addition, two major publications were issued: 1) The Records Disposition Process, and, 2) Disaster Planning for Government of Alberta Records.

The revised offering of Records Management training courses for departmental staff is in its second year and well accepted by users. The three basic records management courses were offered six times in 1986-87. Development and delivery of the two advanced courses in records management were also completed. A total of 463 participants attended courses for 1,772 training days. This is triple the participation in the previous year.

Equipment, Courier and Surplus Branch

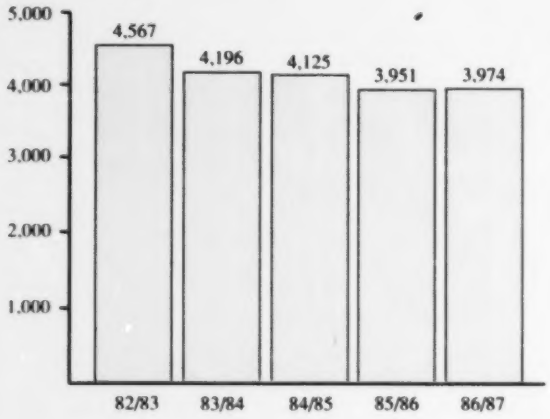
Central Vehicle Services

This unit supplies light-vehicle needs of most government departments through an annual non-maintenance leasing arrangement. Vehicles are also made available for short-term leases of up to 30 days. The light-vehicle fleet is centrally administered to manage and control costs.

The unit accomplishes its mission through standardized specifications, consolidated purchases, and utilization monitoring. These measures permit improved economies in operating practices and vehicle replacement. The fleet consisted of 3,974 units at the end of the reporting period, which is basically unchanged from the previous year. **Figure 12** shows the overall reduction in fleet size during the past five years.

The move to extend the life of vehicles through the Preventive Maintenance Program (PMP) resulted in savings through deferred expenditures due to fewer vehicle replacements. As well, in an extraordinary effort to reduce expenditures during the reporting period, only 150 replacement vehicles were purchased; 756 purchases were originally scheduled. This represented a cost deferral of $6.5 million. While it is certain that additional maintenance and repair costs were incurred, the one-year deferral was accomplished at a net saving.

Figure 12
Central Vehicle Services
Number of Vehicles in Fleet



In conjunction with PMP, the Vehicle Inventory Management System was enhanced to include a Perpetual Vehicle Verification System. This forecasts future usage and the timing of replacements. As part of the PMP, an Operator Training Program was introduced to inform and train operators in the proper maintenance of their vehicles.

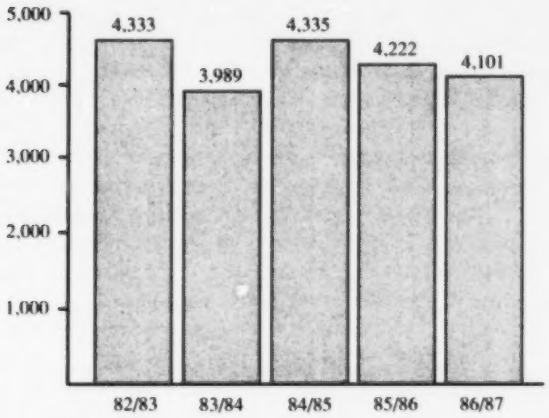
Automotive Services

This unit provides a limited service in the inspection of new vehicles, in outfitting specialty units, in diagnostic work and minor repairs. The majority of mechanical repair work is arranged by user departments through private sector service facilities. A reduction of one Automotive Mechanic position this year provided a 3% decrease in activity. **Figure 13** on the next page presents the number of jobs completed for each of the past five years.

Office Equipment Services

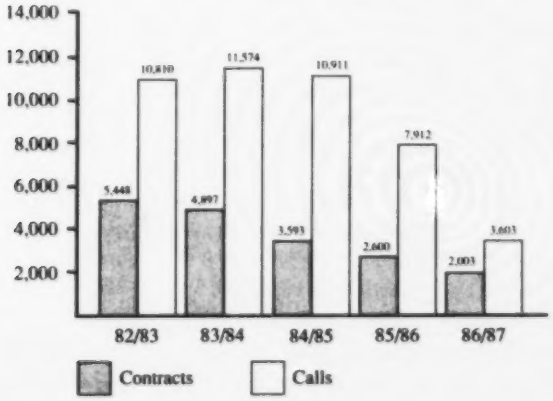
This unit services and repairs non-electronic office equipment such as typewriters (not including photocopiers), and provides a rental service for electric typewriters. The demand for the services of this unit has decreased

Figure 13
Automotive Services
Number of Jobs Completed



dramatically over the past few years. This is due to the increase of electronic office equipment and to developments in the private sector regarding equipment maintenance. Consequently, service calls have dropped by 69% over the past four years; the number of service contracts in place have dropped by 59%, and rental inventory by 41%. **Figure 14** shows the reduction in service contracts and calls.

Figure 14
Office Equipment Services
Number of Service Contracts and Calls



As a result of the lower demand for service, the unit's staff was reduced from 13 to 10 through attrition and redeployment in the reporting period. Staff reduction over the last four-year period has been 44%.

Surplus Sales

Under the authority of the Public Works, Supply and Services Act, the Surplus Sales unit carries out the marketing, or disposal by other means, of all government assets and materials surplus to needs.

Use of private auctioneers in all areas of the province continues to be emphasized. This allows Albertans throughout the province the opportunity to purchase surplus government goods. During the reporting period, 16 auctioneers sold 387 shipments of varied material. These sales brought in revenue to the government of $644,000. Also, 476 vehicles were sold by auction resulting in revenue of $1.5 million (34% of total revenue).

Goods tendered at the Edmonton and Calgary offices provided $1.6 million (36% of total revenue). **Figure 15** shows the trend in total revenue and **Figure 16** identifies the major types of revenue for the year.

Figure 15
Surplus Sales
Total Revenue (Millions of Dollars)

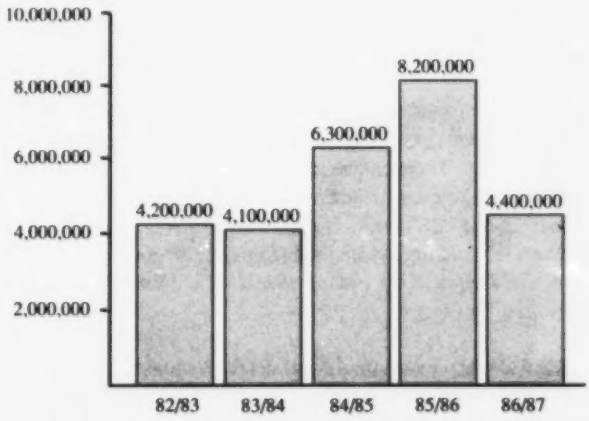
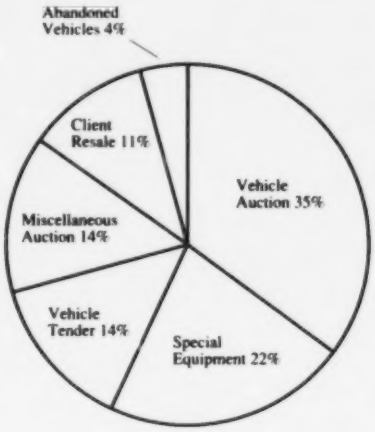


Figure 16
Surplus Sales
Sources of Revenue: 1986-87



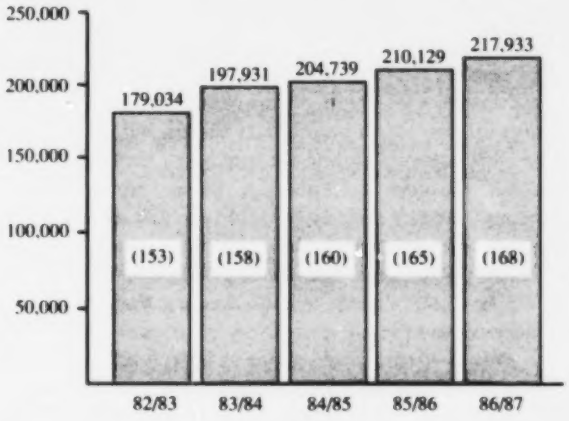
Revenue declined 46% from the previous year due mainly (1) to the absence of large specialty items received previously, and, (2) to higher demand to recycle goods within government. Resale of goods within government increased 141% and involved goods valued at $472,000. This increase would seem to indicate that there is a heightened awareness throughout government departments of the need to effect savings through recycling of used goods.

The Abandoned Vehicle Disposal Program continued to be administered by Surplus Sales on behalf of the Alberta Solicitor General. The disposition of vehicles abandoned on Alberta roads brought in net revenue of $174,000 for the year. This represents the difference between the cost of removing abandoned vehicles (e.g., towing, storage) and the proceeds from their sale. Current removal and marketing procedures have created a revenue surplus as opposed to the deficit of $1.5 million per year previously incurred by the Motor Vehicle Accident Claims Fund.

Central Delivery and Courier Service

This unit provides interdepartmental mail delivery to 168 locations throughout the province, via a private courier. This operation also provides pickup and delivery to government offices in the cities of Calgary, Edmonton, Grande Prairie, Lethbridge, Medicine Hat, Peace River and Red Deer. It is estimated this service is less expensive by more than $3 million per year below other alternatives. During the reporting period, there were 217,933 shipments (210,129 in the previous year). The private courier received $491,000 for these services. **Figure 17** shows the number of the shipments and locations for the past five years.

Figure 17
Courier Service
Number of Shipments (Locations - in brackets)



A private sector messenger service is contracted to provide an on-call service to the Legislature. This contract is designed to provide a "Rush" service for documents to and from Legislature offices and between locations within Edmonton. During the year, 2,701 calls were made, an increase of 32% over the previous year.

There was more emphasis on providing the Postal Information Program to as many government employees as possible, explaining Courier Service operations and Canada Post regulations. In this way, departments are better equipped to take advantage of discounts and rebates and expedite delivery. The improvement in departmental handling and preparation of mail through this program, and the employee suggestions arising from it, has been dramatic. This information component is now included in the Introduction to Records Management course.

PROCUREMENT DIVISION

The Procurement Division of Supply Management is responsible for the centralized purchasing of goods, the acquisition of selected services, and the maintenance of an inventory of commonly used products. It comprises four operating units: Purchasing Branch, Warehousing and Distribution Branch, Contracted Services Branch, and the Southern Region Office in Calgary.

Purchasing Branch

The Purchasing Branch is empowered by the Public Works, Supply and Services Act to acquire all goods and materials for all government departments.

Major emphasis during the reporting period was directed toward ensuring maximum opportunities for Alberta vendors to compete on government tenders and providing all possible support. During the continuing period of economic downturn in the province, the number of vendors on record increased slightly to 11,313. In that regard, the branch continues to ensure, through various means such as pre-bidder conferences, that tender specifications are fair and can be met by Alberta manufacturers to the fullest extent possible.

Product sourcing from firms located in rural Alberta remained a high priority during the year. This helped ensure that vendors outside the major urban areas had equal opportunities to participate in the tendering process. Contracts awarded to rural areas totalled $18 million for the year.

Annual events, such as Small Business Fairs and Reverse Trade Fairs, continue to be opportunities for the branch to improve vendor awareness of how the Alberta government purchasing process operates. Participation in such events has resulted in Alberta companies competing and receiving orders for goods which the vendors were previously unaware the government required.

For the 1986-87 fiscal year, $236 million of goods and materials were purchased, a decrease of 25% from the previous year. **Figure 18** shows total purchases of the past five years and **Figure 19** shows the number of transactions.

Alberta manufacturers accounted for $161 million (68%) of the total value of all purchases in 1986-87, and Alberta distributors accounted for $58 million (25%). Only $17 million (7%) was spent outside the province for the

Figure 18
Purchasing Branch
Value of Purchases (Millions of Dollars)

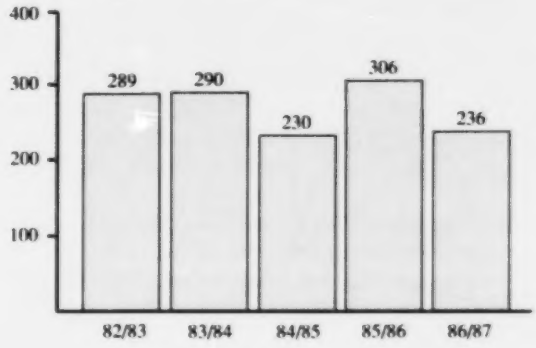
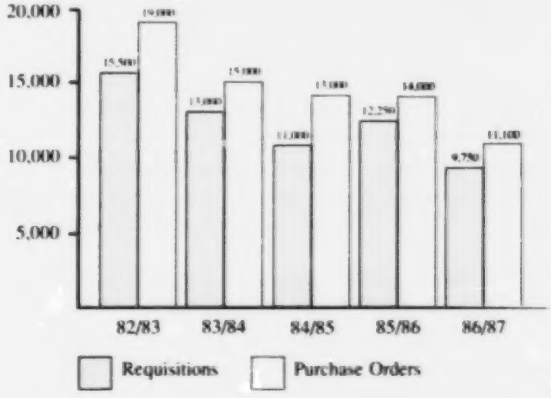


Figure 19
Purchasing Branch
Number of Purchasing Transactions



purchase of specialized equipment not available from Alberta sources. **Figures 20 and 21** present, respectively, the origin of purchases and the types of purchases. Major purchase groups included:

Road and highway building materials	$136 million
Petroleum products	15 million
Construction materials	13 million
Trailers and heavy industrial equipment	12 million
Food and drugs	10 million
Transportation equipment	9 million

Figure 20
Purchasing Branch
Purchases in 1986-87 by Origin

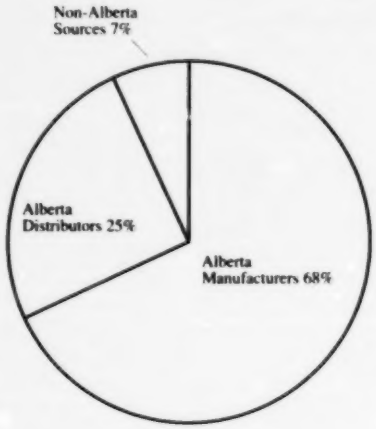
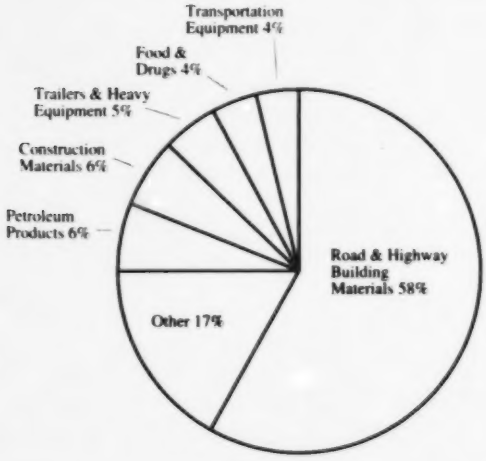


Figure 21
Purchasing Branch
Purchases in 1986-87 by Commodity Group



The Standing Offer Purchasing System is an integral part of the overall purchasing strategy. The system allows maximum competition, ease of access to vendors, and a high level of efficiency. The system lists 9,200 items which can be acquired directly from the vendor by the user without going through the requisition process. Value of purchases for this system was $8.5 million.

The Direct Purchase Order is another major component of the purchasing strategy. Users can meet low-value and urgent needs through local sources. It is a major purchasing tool in rural areas.

The branch has been able to downsize its manpower complement over the past four years, primarily through the automation of much of its administrative processes. Work started in 1986-87 to plan for replacement of the present Supply Information Purchasing System with a newer upgraded system in 1987-88.

Southern Region

The Southern Region provides the same services as the Purchasing Branch for the southern part of the province. It serves as a local point of contact for southern Alberta companies wishing to do business with the government.

During the reporting period, efforts continued to be directed toward Alberta-based suppliers and manufacturers in urban and rural areas. This included participating in the Calgary Economic Development Authority Reverse Trade Show for local manufacturers.

Major purchasing projects undertaken during the year included:

- Irrigation systems for Alberta Environment and Alberta Agriculture
- Outdoor equipment for Kananaskis Country
- Equipment and furnishing for Medicine Hat Remand Centre and for Head-Smashed-In Buffalo Jump Interpretive Centre
- Furnishings to McDougall School, Calgary

A staff of seven issued 1,950 purchase orders with a value of $9.4 million during the year. These figures are included in the Purchasing Branch totals.

Warehousing and Distribution Branch

The branch provides centralized warehousing, inventory management and distribution of common-use government items where purchases in aggregation and redistribution provide overall savings to the government.

The discontinuance of building supplies, office furnishings and the Calgary facility in the previous year resulted in a drop of sales revenue of 34% to $11.2 million. The number of line items stocked during the year was 2,329 and the number of line items shipped decreased 21% to 196,000. The discontinuance of building supplies and office furnishings reduced the need for warehouse space. About one half the consolidated warehouse space (45,000 square feet) was made available to accommodate the Learning Resources Distributing Centre, Department of Education. The branch has retained only those line items and services which represent the highest savings to the Alberta Government. **Figures 22 and 23** show, respectively, line items stocked and shipped for the past five years and the branch's sources of revenue.

The continued use of a computerized order entry and inventory management system allows the branch to operate efficiently. As a result of automation and product line downsizing, only about one third of the manpower complement of four years ago now remains.

The conversion of all stationery and office supplies replenishment orders from standing offers to annual fixed contracts resulted in a further reduction of 11%. Conversion of caretaking products replenishment commenced during the fiscal year and will be completed next year.

Figure 22
Warehousing and Distribution
Line Items Shipped (and in Stock - in brackets)

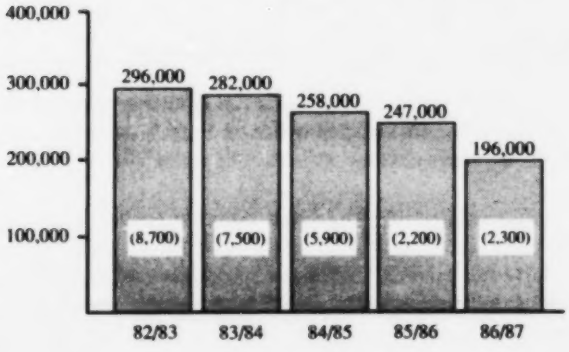
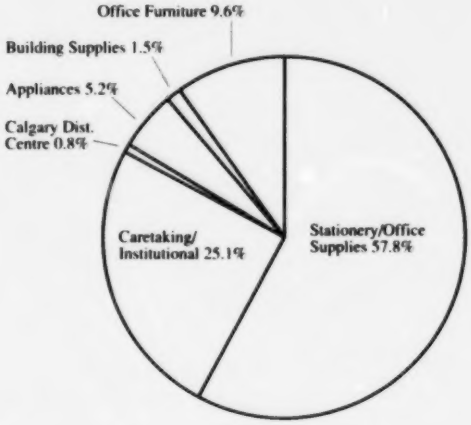


Figure 23
Warehousing and Distribution
Sources of Revenue 1986-87



Contracted Services Branch

The branch provides a specialized acquisition service in the area of electronic data processing (EDP). Specifically, the branch tenders and establishes contracts for data processing, telecommunications and word processing equipment, service and support. The branch also contracts for service and support of this equipment, as well as for computer software and the consulting services required to develop, implement and maintain government computer systems.

During the reporting period, 2,139 contracts were issued, with a total value of $72.5 million. These figures represent an increase of 6% and 1%, respectively, over the previous year. A comparison of the last five years' contract values is presented in **Figure 24**. This shows the continuing high level of investment in this high tech area. The largest components of the contracts issued were for data processing equipment at $32.3 million (46% of the total contracts value) and EDP consulting at $17.7 million (24%). A breakdown of contract by type for 1986-87 is shown in **Figure 25**.

Figure 24
Contracted Services
Value of Contracts (Millions of Dollars)

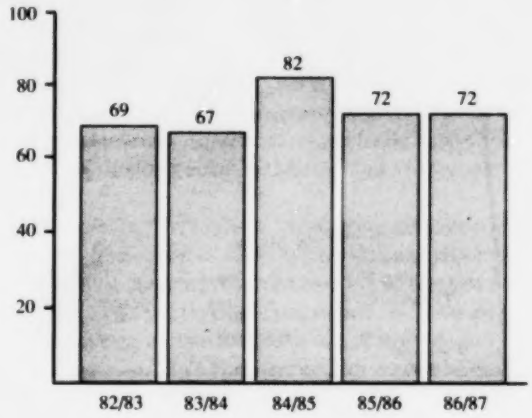
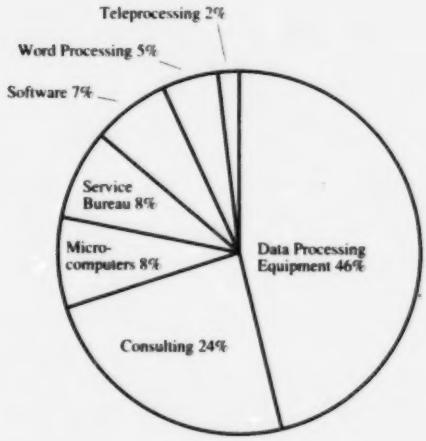


Figure 25
Contracted Services
Types of Contracts 1986-87



The EDP marketplace is highly competitive and subject to frequent changes in technology. The Contracted Services Branch has responded to the government's EDP needs by providing flexible procurement techniques that take advantage of a competitive marketplace and open competition to acquire high quality EDP products and services at reasonable prices.

The major challenge is to plan and execute supply strategies which meet present and future users' demands, while at the same time maximizing the benefits of competitive bidding and minimizing transaction costs. Toward this end and in light of shrinking resources, numerous initiatives and innovative contracting practices were undertaken during 1986-87, including the following:

- Issuance of the "User's Guide for the Acquisition of Data and Word Processing Consulting Services". This guide provides government departments with instructions and advice to simplify and speed the contracting of consulting resources. The general response to the guide has been positive and will lead to the issue of similar documents for other areas.

- The establishment of a Bulletin Board which posts consulting engagements, to streamline the per diem contracting process. This has received an enthusiastic reception by industry and departments alike.

- The establishment of standard offerings for teleprocessing devices which permits standard-use items to be acquired quickly, at a considerable cost saving. While emphasizing efficiency, the process preserves a competitive opportunity for all suppliers.

- The establishment of microcomputer standard offerings. This has provided an opportunity to study improvements in the cost and service performance of microcomputer acquisitions.

- The establishment of software standard offerings for major common-use software packages.

- Continued coordination of specification development with EDP user groups. This has contributed to the resolution of technical problems and an enhancement of the clarity and openness of specifications.

Air Transportation Services Branch

The branch provides air support for forest fire suppression and wildlife management as well as for executive and departmental travel. The branch arranges chartered aircraft for a large proportion of the departmental travel. However, its fleet consists of 13 aircraft, seven fixed wing and six rotary wing. Seven of the aircraft (five helicopters and two

water bombers) are operated and maintained by private sector contractors under direct supervision of branch personnel. The value of these contracts is $1.3 million per year.

During the year, one fixed wing aircraft, a Beechcraft Baron, was removed from the fleet and sold, while delivery was taken of two CL215 water bombers. Over the past three years, the branch's privatization program has resulted in three aircraft being withdrawn from service, thereby providing direct benefits to local charter companies.

Overall aircraft utilization was down 8% from the previous year. Flying hours by fixed wing aircraft were 25% lower than the previous year due to increased private sector use, while rotary wing hours were up 3% due primarily to forestry requirements. The downward trend in aircraft utilization is expected to continue as a result of continuing emphasis on use of private sector aviation services. **Figure 26** illustrates the history and trend in flight hours during the past five years. **Figure 27** presents a map of major cities and towns in Alberta serviced by the branch.

Computerization of the flight dispatch operations was completed during the year. This complements other systems and processes automated in previous years to achieve greater efficiency and cost reductions.

Figure 26
Air Transportations Services
Number of Flight Hours
Rotary and Fixed Wing

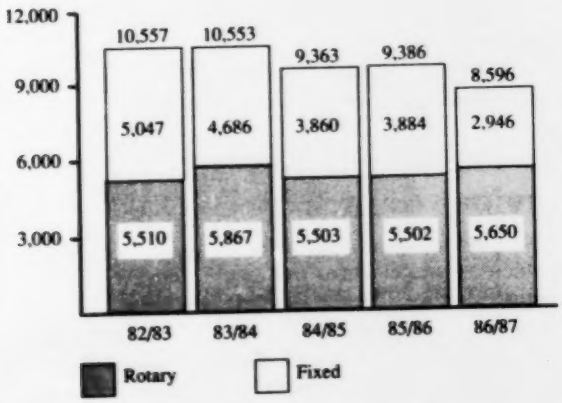


Figure 27
Air Transportations Services
Major Cities and Towns Serviced

Operational Support Services Branch

The branch provides central services to senior management and the other branches of Supply Management; provides administrative and financial advisory/liaison services; undertakes projects related to the development of standards in support of government procurement and the provision of those standards and carries out research and analysis for projects in support of Supply Management functions.

Operational Support Services coordinates the preparation of Supply Management's annual program and revolving fund budgets, the quarterly reforecasting of budgets and the monitoring of all expenditures on a monthly basis and provides advice and assistance to other branches on personnel, financial and general administrative matters. The branch also serves in a central liaison capacity on behalf of Supply Management when interacting with the other areas of the department responsible for the major program responsibilities of Capital Development, Finance and Administration, Information Services and Properties.

During the 1986-87 fiscal year, the branch was instrumental in the development of improved expenditure control procedures for use throughout Supply Management, provision of clerical and administrative assistance to areas experiencing temporary personnel shortages and provision of assistance to long-range planning of records management facilities.

Analytical and research activities undertaken during the year included information gathering and reporting, and liaison with Alberta Economic Development and Trade and the Office of the Alberta Trade Representative on the government procurement aspects of the separate multilateral, bilateral and interprovincial trade negotiations.

Studies were also conducted on federal government policies limiting procurement in Alberta, and on potential source development opportunities available through joint federal/provincial government procurement activities. Comparison of Alberta businesses supplying goods to the federal government with those supplying the province resulted in several hundred additional vendors being invited to become regular suppliers to the federal government.

An assessment of office equipment maintenance across government was completed. Recommendations were made for interdepartmental consolidation of maintenance contracts and alternative methods of monitoring and contracting for small computer systems maintenance. These provide potential for improved services and significant cost savings.

Documentation and analysis of work flow procedures in Quick Print Centre operations should result in improvements to manual methods, and provide for future introduction of an automated production and performance monitoring system.

More than 350 Alberta Government procurement standards, specifications and quality assurance documents were reviewed and updated; several new standards were developed. Also, advice and assistance in standards development was provided to other government departments. Standards activities are instrumental in minimizing costs and assuring the quality of products purchased, as well as in promoting the use of Alberta products throughout the government. To this end, 280 requests from Alberta Government departments and Alberta businesses for standards information were received and replied to during the year.

To support these operations, the branch continued to streamline activities and improve internal capabilities through the use of microcomputing resources.

APPENDICES

Consultants Commissioned 43

Contracts Awarded 46

APPENDIX 1

Capital Development: Consultants Commissioned

Prime Consultants Architects/Engineers

Alford International Inc.
Bell, Herman J., Associates Architects Inc.
Bellingham, S.L., and Associates Ltd.
Bittorf, Donald G., Architect Ltd.
Boruk, Ron, Architect Ltd.
Bouey Auld Faling Shaw Architects
Brisbin Gates Engineering Consultants Ltd.
Briskie, Robert, Architect Ltd.
Brooker, B.W., Engineering Associates Ltd.
Burrows & Lau Architects
CH2M Hill Engineering Ltd.
CJC Architects Inc.
CSC Project Management Ltd.
Campbell Woodall Associates Consulting Engineers
Cheriton Engineering Ltd.
Christie Milton Partnership, Architects and Interior Planners
Cohos Evamy Partnership (The)
Colt Engineering Corporation
Cook Culham Pedersen & Valentine, Architects and Engineers
Cunningham, Cory, Architect Ltd.
Dub Architect Ltd.
Edwards, W. Brian, Architect Ltd.
Eldred Barr Architects, Planners & Interior Designers
Field, Field & Field Architects and Engineers
Forbes Lord Feldberg Schmidt Croll Architects & Engineers
Frost, Garry, C., Architect Ltd.
G.S. Engineering Ltd.
Garrick Sivertson Architects
Gibbs Gage Partnership, Architects and Planners
Goodfellow, R.J., Architects Ltd.
Gowling and Gibb Architects
Group 2 Architects
Groves Palenstein Barton Irvine Architects, Planners
Hallett & Dey Architects, Structural Engineers, Planners
Hirano, Robert K., Architect Ltd.
Holland Norbom & Associates, Architects, Planners
Hutchinson, Ken, Architect Ltd.
Johns, Barry, Architect Ltd.
Laird Polson & Associates Architects Ltd.
Lemermeyer Architect Ltd.
MacDonald, John A., Architect Ltd.
Maltby & Prins Architects
Matthews, J.A., Architect Ltd.
Mayell Architect Ltd.
McConnell, Douglas, Architect Ltd.
McElhanney Group Ltd. (The)
McIntosh Workun & Chernenko Architects Ltd.
McMillan, Hugh Architect Ltd.
Melathopoulos, Stavro Architect Ltd.
Pakarnyk, S.R., Architect
Pendergast, Barry, Architect Ltd.
Proppe Architect Ltd.
Reid Crowther & Partners Ltd.
Robins Watson Baunton Architects and Engineers
Rose, J.W., Architect Ltd.
Roth, Ernest, Architect Ltd.
Russell and Baird Architects Ltd.
Saunder, R., Architect Ltd.
Sinclair & Naito Architects Ltd.
Siren, S., Architect Ltd.
Snow, Don M., Architect Ltd.
Spotowski Hartwig Architects Ltd.
Stanley Associates Engineering Ltd.
Stroich, N.W., Architect Ltd.
Swinton Architects Ltd.
Tan & Associates Engineering Ltd.
Taylor, Larry, Architect Ltd.
Thorkelsson Architects Ltd.
UMA Engineering Ltd.
Vaitkunas Jamieson Architects
Vanderwell, Richard J., Architect Ltd.
Walker, Newby & Associates Ltd.
Weed Lobo Architects Ltd.
Wiebe Forest Engineering Ltd.
Wilson, Roy, Architect Ltd.
Winkelaar Howard & Associates Ltd.
Wood & Gardner Architects Ltd.
Woolfenden Hamilton Brown Architectural Group

Subconsultants/Architectural

Bouey Auld Faling Shaw Architects
Graham McCourt Architects
Maltby & Prins Architects

Subconsultants/Electrical Engineers

AME Engineering Ltd
Anderson Engineering Ltd.
Bromley Walls & Associates Consulting Engineering Ltd.
Colt Engineering Corporation
Deagle, R.J., Engineering Ltd.
Grice Nash Williams Engineering
Hughes Consultants Ltd.
Jarvis Engineering Ltd.
Keonic Controls Ltd.
Lamb McManus Associates Ltd.
Morgan Dowhan Engineering Ltd.
R.A.K. Engineering Ltd.
Reid Crowther & Partners Ltd.
Safronek, Pomeroy & Associates Ltd.
Stebnicki Cassie & Associates Ltd.
Stebnicki Engineering Ltd.
T.W.S. Engineering Ltd.
Tan & Associates Engineering Ltd.
Tokan Engineering
Wasnea & Associates Engineering Ltd.
Watson, R.M. Engineering
Wiebe Forest Engineering Ltd.
Winkelaar Howard & Associates Ltd.

Subconsultants/Mechanical Engineers

AAB Engineering
AME Engineering Ltd.
Acorn Consulting Engineering Group Ltd.
Angus Butler Engineering (1980) Ltd.
Bacz Engineering Ltd.
Cheriton Engineering (1985) Ltd.
Colt Engineering Corporation
Endeco Engineers Ltd.
Henderson, G.T., Engineering Consultants Ltd.
Hemisphere Engineering Inc.
Jo-Tech Consulting Ltd.
K.P. Engineering Ltd.
Keen Engineering Co. Ltd.
Kroening Consultants Ltd.
Lamb McManus Associates Ltd.
Latiff Ellard Willson Engineering Ltd.
NEC Engineering Ltd.
Olsen, K.R., Engineering Ltd.
R.A.K. Engineering Ltd.
Rae McClay McLean & Associates Ltd.
Safronek, Pomeroy & Associates Ltd.
Steinbrenner Consultants Ltd.
Suncord Engineering Ltd.
Tan & Associates Engineering Ltd.
Vinto Engineering Ltd.
Wardrop Alberta Ltd.
Wasnea, Allen, & Partners Ltd.
Wiebe Forest Engineering Ltd.
Williams, A.D., Engineering Ltd.
Yewchuk Engineering (1979) Ltd.

Subconsultants/Structural Engineers

A.V.A. Engineering Ltd.
Alexander Engineering Ltd.
Bobrowski, Jan, Associates Ltd.
Brooker, B.W., Engineering Associates Ltd.
Campbell Woodall Associates Consulting Engineers
Carswell Engineering
Chambers, Walter & Associates Ltd.
Cheriton Engineering Ltd.
Colt Engineering Corporation
Cosentino & Partners Ltd.
Dey, G. Douglas, Engineering Ltd.
Duthie, Newby, Weber & Associates Ltd.
Engineers Collaborative (The)
G.S. Engineering Ltd.
H.M.B. Consulting Engineers
HMS Engineering Ltd.
Heritage Engineering Ltd.
Jacobsen White & Hage Consulting Engineers
Jokinen, Eric P., & Associates
Lamb McManus Associates Ltd.
Lance Engineering Ltd.
M.B. Engineering Ltd.
Mid Canada Consulting Group Ltd.
Mulligan, J.M., & Associates Ltd.
Nanuk Engineering & Development Ltd.
Quantum Construction and Management Ltd.
Read Jones Christoffersen Ltd.
Samalta Engineering Ltd.
Simpson Lester Goodrich Partnership
Sivam, S.K.
Williams, A.D., Engineering Ltd.

Cost Consultants

8th Dimension Group
Barnett Treharne Yates Ltd.
BNP Construction Consultants Ltd.
Both Belle Robb Ltd.
Chopra Associates
Costplan Management Ltd.
Hanscomb Consultants Inc.
Helyar & Associates
Inter-Cost Consulting Group Ltd.
Louden, A.W.
PCM Construction Control Consultants Limited
PCM Construction Consultants (Edmonton) Limited
Tech-Cost Consultants Ltd.
Walsh, Denis, & Associates Ltd.

Geotechnical Consultants

Curtis Engineering Associates Ltd.
EBA Engineering Consultants Ltd.
Geocon Inc.
Golder Associates (Western Canada) Ltd.
Hardy-BBT Limited
Hoggan Engineering & Testing (1980) Ltd.
Klohn Leonoff Consultants Ltd.
Shelby Engineering Ltd.
Smith, J.A., & Associates Ltd.
Thurber Consultants Ltd.
UMA Engineering Ltd.

Interior Design Consultants

Angus Wright Interior Design Consultants Ltd.
Bilinske, Karen, Design & Project Consultant Ltd.
Protz, Alice, Interior Design
Tavender Brown Interior Design Ltd.

Landscape Architects

Barron, Don, and Associates Consultants Ltd.
Butler Krebes Lewis Associates Ltd.
Carlyle Landscape Architecture & Urban Design
Carson-McCulloch Associates Ltd.
Dodds, Brian, & Associates Ltd.
Earthscape Consultants Ltd.
Landplan Associates (1980) Ltd.
Lombard North Group (1980) Ltd.
Ross, K.R., Landscape Architect

Materials Testing Consultants

BBT Geotechnical Consultants Ltd.
Curtis Engineering Associates Ltd.
EBA Engineering Consultants Ltd.
Geocon Inc.
Global Engineering & Testing Ltd.
Golder Associates (Western Canada) Ltd.
Hardy Associates (1978) Ltd.
Hardy-BBT Limited
Hoggan Engineering & Testing (1980) Ltd.
Klohn Leonoff Engineering
Paine, J.R., & Associates Ltd.
Quality Monitoring Services Ltd.
Sereda Marsh & Associates Ltd.
Shelby Engineering Ltd.
Smith, J.A., & Associates Ltd.
Thurber Consultants Ltd.
UMA Engineering Ltd.

Municipal Engineers

Al-Terra Engineering Ltd.
Bow Valley Consulting Group
Brisbin Gates Engineering Consultants Ltd.
Butler Krebes Lewis Associates Ltd.
Francl, W.J., Consulting Ltd.
GCG Dillon Associates Ltd.
IMC Consulting Group Inc.
McElhanney Group Ltd. (The)
Nesco Consulting Ltd.
PYD Engineering Ltd.
Potter, B.M., Consultants Ltd.
Stanley Associates Engineering Ltd.
3D-N Engineering Services Ltd.
Thierman and Associates Ltd.
Tritek Engineering Ltd.
UMA Engineering Ltd.
Wardrop Alberta Ltd.

Programming Consultants

Advance Planning & Research for Architecture
Gerbitz, Neils P., Architect
Humanite Services Planning Ltd.
Hutton, Anthony T., Architect (198?) Ltd.
Process Four Design
Resource Planning Group Alberta Ltd.
Resources Management Consultants (Alberta) Ltd.

Special Consultants

A.M.E. Testing Ltd.
Angus Butler Engineering (1980) Ltd.
Ball Welding & Metallurgical Engineering Ltd.
Bearspaw Drafting
Bellingham, S.L., & Associates Ltd.
Caltec Scientific
Carson-McCulloch Associates Ltd.
Civcom Consulting Services Ltd.
Colt Engineering Corporation
Corona Engineering Services Ltd.
Edwards, W. Brian, Architect Ltd.
Entegrated Environment
Field, Field & Field Architects & Engineers
Frost, Garry C., Architect Ltd.
Garrick Sivertson Architects
J.D. Sons & Associates Management Ltd.
Johns, Barry, Architect Ltd.
Land Tec Graphics
Lynn, Korn & Associates Ltd.
Matrix International Marketing and Management Ltd.
May, R.M., Drafting Services Ltd.
McIntosh Workun & Chernenko Architects Ltd.
Menzies, Douglas, Associates Ltd.
Morstead Consulting Ltd.
Nanden Parbat Ltd.
P.C.P. Lighting Consultants Ltd.
Paley, Robert, Architect Ltd.
Panalta Management Associates Inc.
Rockliff, John, Architect Ltd.
Schmidt Feldberg Croll Henderson Architects and Engineers
U & H Irrigation Systems Ltd.
Vanderwell, Richard J., Architect Ltd.
Wiebe Forest Engineering Ltd.

Survey Consultants

Associated Engineering Alberta Ltd.
Bemoco Engineering & Consulting Group Ltd.
Brown Okamura & Associates Ltd.
Butler Krebes Lewis Associates Ltd.
Cam-Alta Surveys Ltd.
Cameron Christianson, A.L.S.
Can-Am Surveys Ltd.
CEP Consultants (1985) Ltd.
Challenger Surveys & Services Ltd.
Clark Swanby & Company (1979) Ltd.
Control Land Surveys (1983) Ltd.
Coordinate Surveys Ltd.
Diamond Willow Planning & Surveying Ltd.
FYN Engineering Limited
Glidden, Robert A., Surveys Ltd.
Halahuric, F.A., & Associates Ltd.
Hamilton & Olsen Surveys Ltd.
Harland & Higgins Land Surveyors
Hatherley, R.C.
High Country Surveys
Horn Surveys
Kellam Berg Engineering and Surveys
L & L Technical Services Ltd.
Maltais Associates Surveyors Ltd.
Martin & Company
McWilliam Surveys Ltd.
Midwest Survey & Services Ltd.
Northpoint Land Surveying & Engineering (High Prairie) Ltd.
Northpoint Land Surveying & Engineering Ltd.
Olson, L.R., & Associates Ltd.
Phoenix Group (The)
Prism Engineering & Surveys Ltd.
Rachynski Land Surveys Ltd.
Scope Construction Ltd.
Skinberg and Associates Ltd.
Snell & Oslund Surveys (1979) Ltd.
Stanley Associates Engineering Ltd.
Stewart, Weir & Co.
Stuart Engineering & Surveying Ltd.
Suvan and Associates
UMA Engineering Ltd.
Walker, Newby & Associates Ltd.
Watt, D.A., Consulting Group Ltd.
Wilson, Don, Surveys Ltd.
Yellowhead Surveys & Associated Services Ltd.

Video Pipe Inspection Consultants

I.S. Inspection Services Ltd.
In-Line Pipe Inspections Ltd.
Thuro Services (Western) Ltd.
Underwater Specialists Ltd.
Video Inspection Services

APPENDIX 2

Capital Development: Contracts Awarded

AIRDRIE

Agricultural Building,
Incinerator Heat Recuperator
Western Combustion Sales & Service Ltd. $ 119,000.00

Agricultural Building,
Paving and Resurfacing
Alsa Paving Ltd. 17,666.62

Regional Agricultural Centre and
Transportation Shops,
Energy Management Control
Honeywell Ltd. 94,600.00

Renovations to Court Facilities,
Provincial Court
Cougar Contractors Ltd. 43,192.00

Provincial Building,
Paving and Resurfacing
Alsa Paving Ltd. 12,549.40

Transportation Depot,
Paving and Resurfacing
Alsa Paving Ltd. 44,674.40

ALIX

Transportation Depot,
New Salt Shed and Related
Site Development
Felco Construction Ltd. 92,084.00

ALLISON CREEK

Brood Trout Farm, Contract 1,
Process Water Return Line
Lockerbie Management Ltd. 28,881.00

Brood Trout Farm, Contract 3,
Mechanical and Electrical Modifications
Trotmor Management Ltd. 208,650.00

Brood Trout Farm,
Water System Upgrade, Phase I
Trotmor Management Ltd. 79,662.00

ARDMORE

Opportunity Corps,
Landscape Development
D-Kazz Bobcat Service 13,209.28

ASSUMPTION

Provincial Court,
Coat of Arms
PTLA Precision Foundry 375.00

BARRHEAD

Provincial Building, Paving
O'Hanlon Paving Ltd. 3,561.75

Transportation Depot,
New Salt Shed and
Related Site Development
Jen Col Construction Ltd. 171,171.00

BLAIRMORE

Fish & Wildlife District Warehouse
Alternate Access Road
and Site Gravelling
McNally Contractors Ltd. 26,019.00

BONNYVILLE

Emergency Housing Trailer Centre,
Paving and Gravelling
Alliance Construction Ltd. 128,792.50

Indian/Metis Rehabilitation Centre,
Maintenance Workshop, Storage Garage
South Arctic Industries Ltd. 119,132.00

Renovations to Maintenance Facilities
Alliance Construction Ltd. 16,000.00

BROOKS

Alberta Horticultural Research Centre,
Resurfacing
Brooks Asphalt and Aggregate Ltd. 258,607.50

Alberta Horticultural Research Centre, Irrigation Waterworks Emerald Trenching Ltd.	46,000.00
Alberta Horticultural Research Centre, Gravel Road Works Brooks Asphalt and Aggregate Ltd.	26,600.00
Alberta Horticultural Research Centre, Fuel Dispensing System Mid West Pump Ltd.	31,287.00
Alberta Horticultural Research Centre, Irrigation Pumping Facility Oliver Irrigation Ltd.	48,662.00
Palaeontology Field Station Greene Construction (1981) Ltd.	1,387,701.50
Palaeontology Field Station, Display Lighting Macphon Industries Ltd.	11,566.63
Transportation Depot, Water Well Stavely Water Wells	9,036.00
Wildlife Centre, Emergency Power King Electric (Lethbridge) Ltd.	69,600.00

CALGARY

Alberta Vocational School, Renovations for Office Space and Student Store LT Interior and Drywall Ltd.	37,217.00
ALCB Warehouse, Upgrade Security System Johnson Controls Ltd.	112,500.00
Baker Centre, 6-Bed Group Home ERS Engineering and Management Ltd.	378,000.00
Baker Centre, Day Program Centre Teacon Developments Ltd.	1,913,400.00
Baker Centre, Four 6-Bed Group Homes Canon Builders Ltd.	896,800.00
Baker Centre, Five 6-Bed Group Homes ERS Engineering and Management Ltd.	1,095,569.00
Baker Centre, 30-Bed Unit for Medically Dependent Handicapped Mirtren Contractors Ltd.	2,375,000.00
Baker Centre, Tree Relocation (Re-tender) International Tree Corporation	27,250.00
Baker Centre, Roadways and Utilities Volker Stevin Contracting Ltd.	806,852.65
Bow River Correctional Centre, Paving ERS Engineering and Management Ltd.	53,125.90
Bow River Correctional Centre, Fencing and Grading Calgary Fence Supply Ltd.	83,077.50
Bow River Correctional Centre, Fire Access and Gate Installation Calgary Fence Supply Ltd.	15,542.66
Bow River Correctional Centre, Upgrade Magnetic Doors, New Athletic Enclosure Hale Electric	4,013.00
Bow River Correctional Centre, Upgrade Magnetic Door Openers Luko Construction Ltd.	236,467.00
Bowness Site, Resurfacing Alsa Paving Ltd.	231,280.45
Correctional Centre, Paving ERS Engineering and Management Ltd.	211,986.35

Correctional Centre, Old Courthouse Renovations, Front Doors Behrends Bronze Ltd.	18,577.00
Correctional Centre, Upgrade Mechanical and Electrical System PCL-Maxam, A Joint Venture	1,469,000.00
Correctional Centre, Old Courthouse, Supply and Install Doors KP Manufacturers (Calgary) Ltd.	3,794.00
Correctional Centre, Roothouse Modification PCL-Maxam, A Joint Venture	233,772.00
Correctional Centre, Vocational Workshop Jul-Tech Construction Ltd.	410,128.00
Correctional Centre, Building Management Control Systems Honeywell Ltd.	133,500.00
Courthouse Annex, Upgrading Reed Atwood Contracting Inc.	25,104.00
First City Trust Building, Demolition of Existing Building, Construction of Open Parking Area Arrow Demolition International Inc.	277,683.00
Glenbow Museum, Upgrade Artifact Holding Area, Phase I Slack Associates Inc.	495,000.00
Group Homes for Dependent Handicapped, Upgrade Fire Detection BZ Electrical Services Ltd.	2,940.00
John J. Bowlen Building, External Wall Retrofit, Phase 3 PPG Canada Inc.	275,130.00
John J. Bowlen Building, Resurfacing Parking Lot Standard General Construction Ltd.	15,420.00
Kerby Centre, Renovations Lear Construction Services Ltd.	559,870.00
McDougall School, Office Building Security Package Hansen Sound Ltd.	9,580.00
McDougall School, Office Building Security System Conduits Custom Electric Ltd.	1,945.00
Medical Examiner Facility, Motorized Skylight Blinds Sheila's Drapery Ltd.	19,129.00
Old Courthouse, Sidewalk and Landscape Marmot Concrete Services Ltd.	12,449.00
Provincial Forest Fire Centre, Bow Crow Forest Headquarters, Upgrade Jet B Fuel System Don Davis & Sons Petroleum	2,496.67
Remand Centre, New Offices on 8th Floor, Renovations to 3rd Floor LT Interior & Drywall Ltd.	36,532.00
Restricted Development Area, S1/2 28-22-1-W5, Fencing Work Nixco Fencing Ltd.	6,475.00
Restricted Development Area, PT NE 36-24-29-W4, Contract 13 York Shaw Building Movers Ltd.	3,520.00
Sam Livingstone Fish Hatchery, New Office Space Integra Contracting Ltd.	10,995.00
Sam Livingstone Fish Hatchery, Improvements to Water Wells Elgin Exploration Company Ltd.	8,886.00
Sam Livingstone Fish Hatchery, Improvements to Water Wells, Pump Replacement WilRon Equipment Ltd.	88,178.00

Senator Lougheed Residence,
Structural Stabilization,
New Roof and Upgrading
Odyssey Contracting Ltd. 39,850.00

Single Men's Hostel,
Basement Lighting
Custom Electric Ltd. 2,700.00

Southern Alberta Jubilee Auditorium,
Phase 3, Heating, Ventilation and
Air Conditioning
Stuart Olson Industrial Contractors Ltd. 1,883,061.00

Southern Alberta Jubilee Auditorium,
Dedicated Primary Electrical Feeder
for Emergency Back-Up
Newland Contracting (South) Ltd. 226,160.00

Southern Alberta Jubilee Auditorium,
Upgrade and Refurbish Rehearsal Room,
Reconfiguration of Offices and
Front Box Offices
Stuart Olson Industrial Contractors Ltd. 477,766.00

Southern Alberta Jubilee Auditorium,
Parkade Repairs
PCL-Maxam, A Joint Venture 71,685.00

Southern Alberta Jubilee Auditorium,
Pavement Reconstruction of North
Parking Lot
City of Calgary, LRT Construction Division 114,798.10

Young Offender Centre
Multech Construction Ltd. 14,890,000.00

Young Offender Centre, Property
Management Facilities, Spy Hill
Kent Construction Services Ltd. 197,600.00

Young Offender Centre,
Water Main
Sonmor Excavating Ltd. 98,450.00

CAMROSE

Courthouse,
Upgrading, Phase II
Norda Woodwork and Interiors Ltd. 275,545.00

Courthouse,
Renovations
Bur-Mech Plumbing and Heating Ltd. 17,250.00

Provincial Building,
Demolition and Site Grading
A. Hansen & Sons Construction
(Camrose) Ltd. 21,500.00

Regional Health Centre,
Paving (Re-tender)
Border Paving Ltd. 9,544.00

Rosehaven Care Centre,
Paving (Re-tender)
Border Paving Ltd. 38,433.00

Rosehaven Care Centre,
Window Replacement
HF Renovation 34,900.00

CANMORE

ALCB Store
Gil Hansen & Co. General
Contractors Ltd. 484,619.00

Olympic Nordic Venue, Storage Garage,
Sheet Metal work
Nicholls Sheet Metal Services Ltd. 17,700.00

Olympic Nordic Venue, Storage Garage,
Hollow Metal Doors and Frames
Canadoor Ltd. 679.00

Olympic Nordic Venue, Storage Garage,
Waterproof Board, Tape and Drywall
Wayne Heller Construction 980.00

Olympic Nordic Venue,
Supply and Install Ceramic
and Mosaic Tile
Exactor Tile and Marble Ltd. 810.00

Olympic Nordic Venue, Storage Garage,
Plumbing and Gas Work
West Bow Plumbing & Heating Ltd. 14,100.00

Olympic Nordic Venue, Storage Garage,
Painting and Finishing
Paint Enterprises 2,860.00

Olympic Nordic Venue, Storage Garage,
Supply and Install Millwork
Apex Holdings Ltd. 8,750.00

Olympic Nordic Venue, Storage Garage,
Supply and Install Tile
Apex Holdings Ltd. 950.00

Olympic Nordic Venue, Storage Garage,
Electrical Work
Rose Electric Ltd. 2,598.00

Olympic Nordic Venue, Storage Garage,
Supply and Install Windows
Skyline Glass & Aluminum Inc. 7,990.00

Olympic Nordic Venue, Storage Garage,
Miscellaneous
Arcmaster Industries Ltd. 550.00

Olympic Nordic Venue, Storage Garage,
Hardware
Allmar Distributors Ltd. 1,890.00

Travel Information Centre,
Landscape Restoration
Alpha Better Landscaping 31,989.25

Travel Information Centre,
Landscape Development,
Guardrail and Sidewalk
Cornerstone Cribbing Ltd. 16,450.00

Travel Information Centre,
Landscape Development,
Irrigation System and Seeding
Genus Irrigation Systems Ltd. 12,994.00

CAROLINE

Raven Brood Trout Station,
Conversion to Recirculation Water System
Roz Con Construction Ltd. 170,578.00

CHATWIN LAKE

Fisheries Access Site Development,
Gravel Road and Boat Ramp
South Arctic Industries Ltd. 57,884.00

CLARESHOLM

Care Centre, Paving
McNally Contractors Ltd. 39,725.00

Care Centre, Steam Power
Plant Conversion,
Electrical System Upgrading
Lockerbie Management Ltd. 1,013,412.00

Care Centre,
Replace Starholm Unit
Chronik Construction Ltd. 2,479,656.00

Care Centre, Phase II,
Renovations to ALCB Store
Charlton & Hill Ltd. 33,890.00

Care Centre, Phase II,
Renovations to McLean Hall Building
Frans Feyter Construction Ltd. 30,420.00

COCHRANE

ALCB Store
Gil Hansen & Co. General
Contractors Ltd. 523,374.00

Provincial Building,
Paving
Metro Paving 26,485.20

COLD LAKE

Fish & Wildlife District Warehousing,
Walk-In Freezer and Shelving
R. Vincent Construction Ltd. 29,980.00

Northern Alberta Fish Hatchery,
Site Work, Landscape Development
Pereira & Moniz Landscape Contractors Ltd. 29,938.00

Northern Alberta Fish Hatchery,
Trailer Pads
Alliance Construction Ltd. 135,920.00

Northern Alberta Fish Hatchery,
Extend Lake Intake
Underwater Specialists Ltd. 98,500.00

CROWSNEST PASS

Frank Slide Interpretive Centre,
Waterline Repair
Pat Dwyer Construction 5,311.00

CYPRESS HILLS

Cypress Hills Provincial Park, Amphitheatre,
Trails and Seasonal Staff Site Roadwork
Lawrence Meier Trucking Ltd. 44,006.00

DEVON

Coal Research Centre,
Upgrade Parking Lot
O'Hanlon Paving Ltd. 73,710.63

Coal Research Centre, Phase II,
Interior Fit-Up
Eden Construction Ltd. 1,558,000.00

DRAYTON VALLEY

Treasury Branch,
Mechanical Renovations
Crosstown Heating & Ventilation Ltd. 59,580.00

DRUMHELLER

Tyrrell Museum of Palaeontology,
Precast Curb and Speed Bumps
McNally Contractors Ltd. 13,620.00

Tyrrell Museum of Palaeontology,
Additional Parking
Sonmor Excavating Ltd. 61,992.00

Tyrrell Museum of Palaeontology,
Luminaires for Palaeo-Conservatory
Western Electrical Constructors Ltd. 60,700.00

Tyrrell Museum of Palaeontology,
Shelving for Pallet Racking
Lo Gullo Industries Ltd. 5,570.00

Tyrrell Museum of Palaeontology,
Heat Exchange to Air Handling Unit
Clarke Plumbing & Heating Ltd. 43,000.00

Tyrrell Museum of Palaeontology,
Millwork
KP Manufacturers (Calgary) Ltd. 10,500.00

Tyrrell Museum of Palaeontology,
Energy Management Control System
Johnson Controls Ltd. 45,800.00

Tyrrell Museum of Palaeontology,
Central Store Small Goods Shelving
Commander Warehouse Equipment Ltd. 1,733.26

Tyrrell Museum of Palaeontology,
Horizontal Blinds
Sureway Blinds Mfg. (1984) Ltd. 873.00

EDMONTON

Alberta Public Safety Services,
Office Building Renovations
Alps Construction Ltd. 10,275.00

Alberta Research Council, Clover Bar,
Renovations to Pilot Plant and Lab Building
Enterprise Building Contractors Ltd. 3,795.00

Alberta Research Council, Millwoods,
Floor Tile Replacement
Marvel Tile & Ceramic Ltd. 2,278.10

Alberta Research Council, Millwoods,
Contract 17, New Facilities, Phase I,
Signage (Re-tender)
Spectralite 70 Ltd. 73,411.15

Alberta Research Council, Millwoods,
Contract 20, Material Outfitting for Area 5
Commander Warehouse Equipment Ltd. 56,837.00

Alberta Research Council, Millwoods,
New Facilities, Phase I, Contract 17, Signage
Dan's Sign Service and Installation Ltd. 61,884.98

Alberta Research Council, Millwoods, Lighting Installation, Wire Mold and Electrical Outlets Western Electrical Constructors Ltd.	74,064.22
Alberta Research Council, Millwoods, Contract 19, Electrical Outfitting Program Western Electrical Constructors Ltd.	150,000.00
Alberta Research Council, Millwoods, Paving Storage Yard, Access Road and Parking Lot Standard General Construction Ltd.	267,559.55
Alberta Research Council, Millwoods, Phase I, Paving Storage Yard, Grading and Seeding Pereira & Moniz Landscape Contractors Ltd.	3,600.00
Alberta Tree Nursery, Drainage Improvements Prairie Roadbuilders Limited	32,490.00
Alberta Tree Nursery, Paving Access Roads O'Hanlon Paving Ltd.	255,932.19
Alberta Tree Nursery and Horticultural Centre, Drainage Improvements, Extra Work to Contract 3978 Ras-Dam Construction Ltd.	3,288.78
Alberta Tree Nursery, Maintenance Shop Thierman Construction	51,518.00
Alberta Tree Nursery, Reglazing Greenhouses 5, 6, and 7 Frank Jonkman & Sons Ltd.	98,700.00
Alberta Tree Nursery, Tissue Culture Greenhouse Thierman Construction	93,751.00
Alberta Public Works, Supply and Services, U of A Farmsite, Supply Dehumidifier, Electrical Room Cimco Thermo Design	8,775.00
Alberta Public Works, Supply and Services, U of A Farmsite, Install Dehumidifier Wil Mechanical Ltd.	4,990.00
Beaver House, 4th Floor Renovations Alta. Interior Contracting (AIC) Ltd.	59,645.00
Blood Transfusion Service Building, Storage Rooms and Miscellaneous Work Cormode & Dickson Construction (1983) Ltd.	38,200.00
Blood Transfusion Service Building, Link to O.S. Longman Building MCC Powers	23,500.00
Central Vehicles Services Building, Renovations AJH Construction Management Ltd.	71,571.00
Dominion Land Titles Building, Renovations, Phase I H & S Business Enterprises Ltd.	42,206.00
Eric Cormack Centre, Upgrade Mechanical System, Phase IV Prism Construction Company Ltd.	68,700.00
Fish & Wildlife Division, Lambton Park, Warehouse Site Improvements, Paving O'Hanlon Paving Ltd.	126,289.86
Government Complex, University Farm Area, Roadwork and Landscaping O'Hanlon Paving Ltd.	34,988.89
Government Buildings, Renovations and Improvements, Upgrade Group Home, 9237 - 90 Street Kerr Interior Systems Ltd.	20,727.00
Government Centre, New Washrooms, Gas Meter Enclosure and Hydrant Relocation Alberco Construction Ltd.	127,900.00

Government Centre, East/West Pedway, Space Upgrading Johnson Controls Ltd.	6,276.00
Government Centre, East/West Pedway, Space Upgrading, Motion Detectors Page Security Systems	1,386.00
Government Centre, Transformer Replacement Western Electrical Constructors Ltd.	43,940.00
Government Centre, Electrical Switchgear at Distribution Centre, Pedway Chown Electrical Ltd.	95,600.00
Government Centre, Upgrading ISD Office and Display Area Delnor Construction Ltd.	138,743.00
Groat Road Building, Renovations and Conversion AJH Construction Management Ltd.	999,800.00
John E. Brownlee Building, Fire Alarm Horns Sussex Electric Ltd.	10,642.00
John E. Brownlee Building, Renovations to Court Facilities Northcott Construction Ltd.	18,445.00
John E. Brownlee Building, Commissionaire Booth Parallel Builders	23,876.00
Lambton Park, New Storage Shed TLC Agri Builders Ltd.	12,680.00
Law Courts Addition, Phase VI, Contract B, Renovations to 2nd and 6th Floors Artek Contracting Ltd.	6,044,907.00
Law Courts Additions, Family and Youth Court Renovations Gillanders Interiors Western Ltd.	73,711.00
Law Courts Addition, Phase VI, Contract B, Trial Co-ordinators Pentagon Building Corporation Ltd.	38,375.00
Law Courts Building, Phase VI, Mechanical Upgrading Pentagon Building Corporation Ltd.	690,000.00
Law Courts Complex, Court of Queen's Bench, Parkade Restoration Pentagon Building Corporation Ltd.	168,725.00
Law Courts Complex, Provincial Court Annex, Parkade Traffic Topping Desco Coatings of Alberta Ltd.	179,306.00
Legislature Annex, Expansion Tank Replacement and Rebuilding of Cooling Tower Mechanical Project Management Ltd.	58,478.00
Legislature Building, Legislature Chamber, Purchase of Audio Equipment AVS Video & Sound Ltd.	25,222.80
Legislature Building, Painting Rotunda Vanselow Painting & Decorating Ltd.	125,000.00
Legislature Building, Dome Repairs, Mechanical and Electrical Upgrading Camwil Contracting Ltd.	44,700.00
Legislature Building, Renovations to Legislature Chamber PCL-Maxam, A Joint Venture	627,826.00
Legislature Grounds, Utility Upgrading, Site Lighting and Sound Distribution Pentagon Building Corporation Ltd.	358,865.00
Legislature Grounds, Install Membranes for South and East Parkades CCD Engineering (Edmonton) Ltd.	314,608.00

McIntyre Centre, New Laboratories Krawford Construction Inc.	894,839.00
Miscellaneous Demolition Projects, Provincial Poultry Farm and Dairy Farm, Site Work J. Plaizier Trucking & Excavating Ltd.	14,140.00
Miscellaneous Demolition Projects, Provincial Poultry Farm and Dairy Farm, Disposal of Farm Building Rae-Dawn Construction Ltd.	10,900.00
Northern Alberta Jubilee Auditorium, Paving, Parking Area Upgrade Standard General Construction Ltd.	115,709.65
Northern Alberta Jubilee Auditorium, Reseating Kaasa Theatre Madsens Custom Cabinets (1983) Ltd.	28,963.00
Northern Alberta Jubilee Auditorium, Upgrade and Reburbish Rehearsal Room Inpro Project Management	242,740.00
Northern Alberta Jubilee Auditorium, External Cladding Retrofit, Phase 3, Heating Ventilation Stuart Olson Industrial Contractors Ltd.	1,613,166.00
O.S. Longman Building, Garage and Generator Enclosure Aman Building Corporation	988,767.00
O.S. Longman Building, Ventilation Retrofit United Ventilation and Air Conditioning Ltd.	401,032.00
O.S. Longman Building, Renovations to Balance of Floors Eden Construction Ltd.	3,781,883.00
O.S. Longman Building, Install Automatic Watering Devices Superline Excavating Ltd.	14,615.00
Provincial Museum, Renovations to Natural History Curatorial Areas Royal Oak Contracting (Western) Ltd.	21,825.00
Provincial Museum, EMCS System Accessory Upgrade Professional Computer Centre	1,350.00
Old St. Stephen's College, Subgrade to South Porch Ackard Contractors Ltd.	3,830.00
Old St. Stephen's College, Landscape Upgrade, Pruning Historic Trees University of Alberta, Grounds Division	1,200.00
Old St. Stephen's College, Landscape Upgrade Land Tec Landscape Contractors Ltd.	40,081.70
Alberta Public Works, Supply and Services Shop, Paving O'Hanlon Paving Ltd.	25,307.55
Rehabilitation Centre, Henwood, Paving O'Hanlon Paving Ltd.	50,382.55
Restricted Development Area, Pt. NE 29-51-24-W4, Block B, Plan 5306 K.S. Rae-Dawn Construction Ltd.	4,200.00
Restricted Development Area, Pt. SW 28-52-23-W4, LSD 3 North Of Road 630, Adjacent to Highway 14(X) Rae-Dawn Construction Ltd.	3,800.00
Restricted Development Area, NE 26-51-25-W4, Contract 12 J. Plaizier Trucking & Excavating Ltd.	1,650.00

Restricted Development Area,
Pt. SE 34-53-25-W4, Lot 1,
Block A, Plan 3054 HW
15624 St. Albert Trail
Rae-Dawn Construction Ltd. 2,400.00

Restricted Development Area,
Pt. SW 6-54-23-W4, Contract 10
J. Plaizier Trucking & Excavating Ltd. 3,600.00

Restricted Development Area,
NE 31-52-23-W4, Lot 7, Plan 4705 N.Y.,
16530 Fort Road, Contract 14
J. Plaizier Trucking & Excavating Ltd. 2,350.00

Restricted Development Area,
Pt. SW 29-52-25-W4,
19420 Whitemud Drive
J. Plaizier Trucking & Excavating Ltd. 1,600.00

Restricted Development Area,
5351 - 199 Street,
Replace Sewage Disposal System
Superline Excavation Ltd. 20,242.95

Restricted Development Area,
Hulbert Crescent,
Install Pump-Out Holding Tanks
Jubilee Plumbing & Heating Ltd. 28,895.00

Restricted Development Area,
18104 - 66 Street,
Sewage Holding Tank
Vee-Anchor Management Ltd. 10,500.00

School Book Branch,
Warehouse Relocation, Improvements
Northern Eau Claire
Construction Materials Ltd. 28,950.00

School Book Branch,
Warehouse Relocation,
Improvements, Shelving, Racking
Pacific Warehouse Equipment Ltd. 110,947.93

School Book Branch,
Warehouse Relocation, Improvements,
New Boilers
Emona Sales Ltd. 79,605.00

School Book Branch,
Warehouse Relocation,
Improvements, Conveying System
Univeryor B.C. Ltd. 88,895.00

School Book Branch,
Warehouse Relocation. Improvements
Ericstad Construction Ltd. 548,700.00

School for the Deaf,
Repairs to Drainage System
and Site Development
Eden Construction Ltd. 47,656.00

Single Men's Hostel,
Upgrading, Renovations
Twin City Contracting 86,500.00

Alberta Solicitor General,
Staff Development College,
Perimeter Radiation Replacement
Alternate "B"
Wil Management Ltd. 168,770.00

Westfield Centre, Unit #3,
Interior Renovations
LJM Contracting Ltd. 552,071.00

Westfield Centre,
Renovations, Swimming Pool
Rescom Construction Ltd. 243,870.00

Young Offender Centre, Contract 5,
Main Facility
Lahr Construction Limited 15,892,000.00

Young Offender Centre, Contract 2,
Service Building Enclosure
Rescom Construction Ltd. 148,555.00

Young Offender Centre, Contract 4,
Security Windows
SDI Steel Door Industries Ltd. 96,555.00

Young Offender Centre, Contract 3,
Security Doors, Frames and Hardware
FAB Industries Ltd. 339,170.00

Young Offender Centre,
Off-Site Services, Sanitary Sewer
Standard General Construction Ltd. 198,009.00

Young Offender Centre, Contract 1,
Site Grading and Utilities
Babichuk Engineering & Contracting Ltd. 876,488.00

Youth Development Centre,
Renovations Package 9,
Security Improvements
Prism Construction Company Ltd. 291,750.00

EDSON

Forest Headquarters,
Resurfacing
Border Paving Ltd. 19,731.30

Forestry Headquarters,
Pre-drain Site (Re-tender)
Northland Maintenance Inc. 61,910.00

Provincial Building and Courthouse,
Landscape Development
O'Brien Contracting Canada 206,299.00

Provincial Building,
Public Space Furniture
Tri-P Millwork & Supplies Ltd. 18,976.00

Treasury Branch,
Carpet Tile
Interface Flooring Systems (Canada) Ltd. 12,660.00

ELK ISLAND PARK

Ukrainian Cultural Heritage Village,
Renovations
Crosstown Heating & Ventilation Ltd. 2,386.00

Ukrainian Cultural Heritage Village,
Visitor Reception Centre, Phase IV
O'Neill Enterprises Ltd. 1,800.00

Ukrainian Cultural Heritage Village,
Storage Facility
Rada Construction & Management Ltd. 219,740.00

Ukrainian Cultural Heritage Village,
Sign Structure Main Gate
South Side Woodwork (1979) Ltd. 32,260.00

Ukrainian Cultural Heritage Village,
Upgrade Water Treatment Facilities
Kran Construction Ltd. 98,800.00

Ukrainian Cultural Heritage Village,
Landscape Development
Pereira & Moniz Landscape Contractors Ltd. 28,163.00

Ukrainian Cultural Heritage Village,
Upgrade Road
Twin Lake Construction Ltd. 64,056.47

ELLERSLIE

Bull Test Station,
Addition
Danwood Interiors Ltd. 64,807.00

FAHLER

Renovations to Court Facilities,
Exterior Signage
PTLA Precision Foundry 879.85

FAIRVIEW

Renovations to Court Facilities,
Alterations to Government
Services Building
Varnerin Construction Ltd. 21,059.00

FORESTBURG

Provincial Building,
Renovations to Court Facilities
Saracen Construction (1974) Ltd. 2,965.00

FORT CHIPEWYAN

Fish and Wildlife District Warehouse,
Upgrade Facilities, Shelving
Wilcor Storage Systems Ltd. 1,948.00

FORT MACLEOD

Head-Smashed-In Buffalo Jump,
Interpretive Centre, Kitchen Equipment
McKinley & Taylor Ltd. 56,293.00

Head-Smashed-In Buffalo Jump,
Interpretive Centre,
Development of a Well
Stavely Water Wells 7,576.40

Head-Smashed-In Buffalo Jump,
Interpretive Centre,
Perimeter Fencing
Matt's Manufacturing Ltd. 23,186.00

Courthouse,
Upgrade Soundproofing to Jury Room
Gillett Construction Ltd. 5,448.00

Transportation Depot,
Modify Salt Shed
Frans Feyter Construction Ltd. 9,270.00

Travel Information Centre,
Accommodation Trailer
Winalta Homes Ltd. 29,975.00

FORT McMURRAY

Fish and Wildlife District Warehousing,
Shelving
Wilcor Storage Systems Ltd. 1,661.00

Fish and Wildlife District Warehousing,
Unheated Storage Facilities
MacAlpine Construction Ltd. 33,030.00

Forestry Headquarters,
Paving
Everall Construction Ltd. 193,550.50

Provincial Building, New EMCS,
Refit, Contract 2, Installation
Serv-All Mechanical Services Ltd. 42,875.00

FORT SASKATCHEWAN

Correctional Centre (Old),
Electrical Revision to Door Locks
CEC Electric Ltd. 5,663.00

Correctional Centre (Old),
Air Drying System
Automatic Controls (Edmonton) Ltd. 8,792.00

Correctional Centre (Old),
Modifications to Control Panels
Babco Electric & Engineering Ltd. - 25,273.00

New Correctional Centre,
Fire Alarm System, Contract 18
Simplex International Time 281,784.00

New Correctional Centre, Contract 7,
Builders Hardware
Northern Hardware Ltd. 164,500.00

New Correctional Centre, Contract 12,
Special Services Building
Conray Construction Co. Ltd. 4,139,000.00

New Correctional Centre, Contract 14,
Mechanical Control and Automation
MCC Powers 959,335.00

New Correctional Centre, Contract 10,
Central Activities Building
Omsac Developments Ltd. 11,586,855.00

New Correctional Centre, Contract 9,
Living Units
Stuart Olson Industrial Contractors Ltd. 14,766,775.00

New Correctional Centre, Contract 11,
Administration Building
Prevale Construction '79 Ltd. 1,983,000.00

New Correctional Centre,
Door Control, Cable TV and Clocks
Flint Engineering & Construction Ltd. 927,095.00

New Correctional Centre, Contract 15,
Off-Site Water and Sewer Services
Sureway Construction of Alta. Ltd. 1,136,078.85

New Correctional Centre,
Road Maintenance
I & L Contracting 38,597.05

New Correctional Centre,
Off-Site Services, Ross Creek Culvert
CIMI Construction Inc. 199,287.05

FORT VERMILION

Provincial Court,
New One-Room Court Facility
Jen Col Construction Ltd. 272,727.00

FOX CREEK

New Fish and Wildlife District Warehouse
Jen Col Construction Ltd. 205,502.00

Transportation Depot,
New Salt Shed and
Related Site Development
Jen Col Construction Ltd. 199,999.00

GRANDE CACHE

Provincial Correctional Centre,
Upgrade Security Fence
Matt's Manufacturing Ltd. 159,510.00

Provincial Correctional Centre,
Repair Access Road and
Utilities (Re-tender)
Superline Excavation Ltd. 57,710.00

Provincial Court,
Addition and Alterations
H & S Business Enterprises Ltd. 166,000.00

GRANDE PRAIRIE

AADAC Treatment Centre,
Site Development and Services
Kaldon Construction Ltd. 346,573.00

Driver Examination Office,
Correct Building Deficiencies,
Reconstruction
K. Shaw & Sons Contracting Ltd. 44,970.00

Driver Examination Office
K. Shaw & Sons Contracting Ltd. 66,900.00

Youth Assessment Centre,
Security Upgrade
K. Shaw & Sons Contracting Ltd. 222,800.00

GROUARD

Alberta Vocational Centre,
Paving
Ruel Bros. Contracting Ltd. 73,889.00

Alberta Vocational Centre,
Re-roofing
L.H. Walker Roofing G.P. Ltd. 127,748.00

Alberta Vocational Centre,
Renovations, Phase I
Varnerin Construction Ltd. 58,029.00

HANNA

Transportation Depot
Pentagon Building Corporation Ltd. 2,604,725.00

Transportation Depot,
Water and Sanitary Sewer
Sonmor Excavating Ltd. 106,501.00

HIGH LEVEL

Fish and Wildlife District Warehousing,
Upgrade Shelving,
Workbench, Wire Cage
Three Rivers Construction Ltd. 5,666.00

Transportation Depot,
New Salt Shed and Related
Site Development
Klein Construction Ltd. 182,514.00

Treasury Branch,
Renovations
RWK Construction Co. Ltd. 63,000.00

HIGH PRAIRIE

Provincial Building,
Off-Site Services, Water, Sewer
and Road Construction
North American Road Ltd. 560,845.00

Provincial Building,
Off-Site Services, Pumping
Station and Force Main
Ras-Dam Construction Ltd. 531,837.55

Provincial Courthouse
Rhythm Construction Ltd. 1,423,000.00

Youth Assessment Centre,
Upgrade HVAC System
Peace River Heating (1971) Ltd. 20,930.00

HIGH RIVER

Transportation Depot,
New Salt Shed and Related
Site Development
Rio Construction Ltd. 185,210.00

HINTON

Blue Lake Centre,
Addition
Jasper Construction Services 204,043.00

Forest Technology School,
New School Warehouse Complex
Norwest Steel Builders ltd. 227,000.00

KANANASKIS

Elbow Ranger Station,
Extension to Administration Facility
Babowal Builders & Engineers Ltd. 263,709.00

Minimum Security Correctional Camp,
Water Well Development
Camfield Drilling Services Ltd. 8,805.00

Minimum Security Correctional Camp,
Water Well Development - Sawmill Site
Alberta Eagle Drilling Ltd. 10,300.00

Minimum Security Correctional Camp,
Water Supply Main and
Miscellaneous Work
Shawne Excavating and Trucking Ltd. 106,718.05

Maintenance Facility at Ribbon Creek
Gil Hansen & Co. General
Contractors Ltd. 308,472.00

Transportation Depot,
Storage Shed and Related
Site Development
Fenka Construction Ltd. 44,189.00

Village at Ribbon Creek, Day Lodge,
Window Replacement
Pentagon Building Corporation Ltd. 33,750.00

Sheep River Administration Complex,
Visitors/Operations Complex
277287 Alberta Ltd. 195,067.00

KEHO LAKE

Golf Clubhouse,
Equipment Shed
Glen Little Construction Ltd. 167,535.00

Golf Clubhouse,
Equipment Shed
ED Flak Construction Ltd. 39,000.00

LAC LA BICHE

Alberta Vocational Centre,
Student Housing,
Renail Siding
Geof Contractors 6,323.00

Provincial Building,
Building Management Control
System Refit
Transalta Energy Systems 83,518.00

Fish and Wildlife District Warehousing,
Upgrade Facilities, Shelving
Wilcor Storage Systems Ltd. 1,484.00

Regional Parks Workshop,
Landscape Development
Ron's Landscaping Ltd. 91,152.79

Regional Parks Workshop,
Paving
Carmacks Construction Ltd. 86,084.60

Youth Assessment Centre,
Addition
Alliance Construction Ltd. 97,384.00

LACOMBE

Field Crops Research Centre,
Grading and Drainage Improvements
Marcinek Construction Ltd. 48,975.00

LEDUC

Artificial Insemination Swine Centre,
Paving
O'Hanlon Paving Ltd. 57,836.68

Food Processing Development Centre,
Renovations and Improvements;
Government Buildings,
Storage Sheds
TLC Agri Builders Ltd. 19,880.00

Alberta Municipal Affairs Building,
Paving
Sherwood Park Paving Ltd. 9,917.25

LETHBRIDGE

Agriculture Research Centre,
Parking Turn-In
McNally Contractors Ltd. 6,572.00

Correctional Centre,
Paving
Wells Construction Ltd. 38,400.00

Correctional Centre,
Roothouse Modification
Ware Bros. Construction Ltd. 80,997.00

Courthouse Renovations
(Young Offenders)
Glen Little Construction Ltd. 217,000.00

Group Home Alterations
7P Construction 53,476.00

Provincial Building,
Resurfacing
McNally Contractors Ltd. 33,900.00

Youth Assessment Centre,
Fencing
Larry Tamaki Bobcat Service Ltd. 15,763.95

Treasury Branch,
Renovations and Conversion
to Total Service
Glen Little Construction Ltd. 114,248.00

Treasury Branch,
Renovations and Conversion to
Total Service Additional Partitions
Wesbridge Construction Ltd. 4,379.00

Veterinary Laboratory,
Replace Incinerator
Western Combustion Sales & Service Ltd. 412,547.00

MEDICINE HAT

Courthouse,
Interior Landscape, Staircase Planters
Wahl Builders Ltd. 26,100.00

Courthouse,
Exterior Landscaping
George's Developments Ltd. 108,000.00

Courthouse,
Interior Landscaping
Suntropicals (Division Oasis Gardeners) 20,870.05

Fish and Wildlife District Warehouse,
New Warehouse Facility
Mid West Steel Products Ltd. 218,455.00

Transportation Depot,
New Salt Shed, Storage Shed
and Related Site Development
Braemar Developments Ltd. 209,800.00

Youth Assessment Centre,
Expand and Remodel Classroom
Wahl Builders Ltd. 94,780.00

MOUNTAINVIEW

Regional Water System,
Anthony Henday Water Treatment Plant,
Roadway Surfacing
Border Paving Ltd. 61,407.50

MOUNT ALLAN

Nakiska Ski Area,
Plaza Lighting
Wilkinson Electric Company Ltd. 29,925.00

Nakiska Ski Area, Base Lodge Buildings,
Modifications to Lockers
Stuart Olson Industrial Contractors Ltd. 11,978.00

Nakiska Ski Area, Training Centre,
Electrical Deficiencies
Omega Electric Ltd. 1,725.00

Nakiska Ski Area, Training Centre,
Miscellaneous Deficiencies
Interior Wood Ltd. 675.00

Nakiska Ski Area,
Race Finish Buildings
Stuart Olson Industrial Contractors Ltd. 65,460.00

Nakiska Ski Area, Nakiska Lodge,
Food Services Office
Dalco Construction Ltd. 5,377.00

Nakiska Ski Area, Base Lodge Building,
Supply and Install Acoustical Insulation
William Kelly & Sons
Plumbing Contractors Ltd. 5,885.30

NAMAO

Alberta Pioneer Railway Association,
Insulation and Heating
Tarad Industries Ltd. 60,000.00

NORDEGG

Fish and Wildlife District Warehousing,
New Office Building on Downtown Site
South Arctic Industries Ltd. 132,332.00

OYEN

Fish and Wildlife District Warehousing,
Upgrade Facilities
Bigfoot Metal Systems Ltd. 14,492.00

PEACE RIVER

Correctional Centre,
Paving
Everall Construction Ltd. 367,166.00

Correctional Centre,
Security Fence (Re-tender)
R.W.K. Construction Co. Ltd. 378,673.00

Correctional Centre,
Reconstruct Sewage System
Mustang Engineering & Construction Ltd. - 144,235.00

Fish and Wildlife District Warehousing,
Upgrade Fuel Storage Shed
Varnerin Construction Ltd. 26,241.00

PINCHER CREEK

Oldman River Dam Project,
Roy Giesler Property SW 25-7-30-W4,
Demolition
Crow Trucking Ltd. 1,995.00

PONOKA

Provincial Building,
Building Management
Control System Refit
Energrated Systems Consultants Ltd. 116,909.00

PROVOST

ALCB Store
Binder Construction Ltd. 614,820.00

Provincial Building
Binder Construction Ltd. 2,528,500.00

RED DEER

Fish and Wildlife District Warehousing,
Upgrade Cold Storage Building
L.C. Greenough Construction Ltd. 107,207.00

Institutions and Group Homes,
Youth Assessment Centre
Master Woodcraft 10,617.00

Michener Centre,
Elevator/Laundry Room,
Additions to BMU, Bluebird,
Elk, Gazelle
R.W.K. Construction Co. Ltd. 604,822.00

Michener Centre,
Upgrade Recreation Building Envelope
Timcon Construction Ltd. 732,500.00

Michener Centre, North Power Plant,
Asbestos Removal
Mihalco Enterprises Ltd. 117,230.00

Michener Centre,
Replace Cold Water Mains
290586 Alberta Ltd. 0/a
Academy Petroleum 349,691.05

Michener Centre,
25KV Extension,
Pre-purchase Switchgear
Westinghouse Canada Inc. 273,682.00

Michener Centre,
25KV Extension, Functional Upgrading
Omex Construction Corporation Ltd. 1,145,000.00

Michener Centre,
25KV Extension,
Pre-purchase Generator
Waterous Power Products Ltd. 305,100.00

Michener Centre,
25KV Extension, Pre-purchase
Switchgear (Re-tender)
G & W Electric Ltd. 230,285.00

Michener Centre,
25KV Extension, Pre-purchase
Transformers (Re-tender)
Westburne Alberta Electric Supply Ltd. 89,096.00

Michener Centre,
Thune Tub Package
Strathcona Mechanical Alberta Ltd. 123,000.00

Motor Vehicles Licensing Centre
Timcon Construction Ltd. 1,952,200.00

Provincial Building,
Curtain Wall Adjustments
Bahrys Glass (1983) Ltd. 66,570.00

RED EARTH

Provincial Court,
Coat of Arms
PTLA Precision Foundry 375.00

ROCKY MOUNTAIN HOUSE

Alberta Opportunity Corps,
Landscape Development
Elder Tree Farms Ltd. 17,240.89

Provincial Building,
Mechanical System, Heating Renovations
Schendel Plumbing & Heating Ltd. 93,928.00

SLAVE LAKE

Forest Headquarters,
Paving
Ruel Bros. Contracting Ltd. 12,824.40

SMOKY LAKE

Fish and Wildlife District Warehousing,
Upgrade Facilities, Shelving
Northern Eau Claire
Construction Materials Ltd. 1,287.00

Pine Ridge Forest Nursery,
Temporary Repair to Reservoir Liner
Geoflex Products Inc. 5,733.39

SPIRIT RIVER

Fish and Wildlife District Warehousing,
New Warehouse Facility
K & M Building Contractors Ltd. 237,500.00

ST. ALBERT

Courthouse,
Replace Parking Lot
O'Hanlon Paving Ltd. 58,037.90

Percy Page Centre,
Pave Access Roads
Wells Construction Ltd. 54,704.39

Provincial Building,
Tenant Improvements
McFarlane Wood Products Co. Ltd. 2,352.00

Renovations to Court Facilities,
Vertical Louvre Blinds
Classic Venetian Blinds Ltd. 250.00

ST. PAUL

Courthouse
Prevale Construction '79 Ltd. 4,849,000.00

Courthouse,
Parking Lot Relocation, Gravelling
Car-Ouells, Division of
Robertson Construction 5,692.50

Fish and Wildlife District Warehousing,
New Boat Storage Shed
Langevin Builders Ltd. 55,450.00

Transportation Depot
Bert Pratch Construction Co. Ltd. 2,983,155.00

STONY PLAIN

Courthouse, Landscape Development,
Tree Relocation
Custom Tree Movers Ltd. 2,480.00

Portable Classroom Facilities,
Meridian Heights
Jen Col Construction Ltd. 11,589.00

STRATHMORE

Youth Development Centre,
Landscaping Modifications
Greenlife Landscaping Ltd. 7,717.40

Youth Development Centre,
Repair Landscaping
Greenlife Landscaping Ltd. 5,610.00

SWAN HILLS

Community Vocational College,
Parking Lot and Landscaping
Border Paving Ltd. 29,692.10

SYLVAN LAKE

ALCB Store
LinAlta Contractors ltd. 651,956.00

TOFIELD

ALCB Store
Jen Col Construction Ltd. 307,703.00

VALLEYVIEW

Alberta Vocational School,
Portable Classroom Facilities
ATCO Structures, A Division of
ATCO Industries Ltd. 221,574.00

Alberta Vocational Centre,
Portable Classrooms - Site Servicing
High Prairie Plumbing Ltd. 11,445.00

VANCOUVER

Alberta Pavilion, Expo '86,
Disposal and Site Restoration
V.K. Mason Construction Ltd. 66,145.00

VARIOUS

Alberta Opportunity Corps,
Relocate Trailers, Trout Lake
Big Island Construction Ltd. 18,284.00

Alberta Opportunity Corps, Trout Lake,
Site Services
Northern Gold Contractors Ltd. 35,612.00

Fish & Wildlife District Warehousing,
Grading and Gravelling, Grande Prairie
Wapiti Gravel Suppliers 23,507.01

Fish & Wildlife District Warehousing,
Paving and Electrical, Lethbridge
Tollestrup Construction Co. Ltd. 13,540.30

Fish & Wildlife District
Warehousing, St. Paul,
Grading, Gravelling and Concrete
Langevin Builders Ltd. 55,614.50

Landscape Irrigation,
Courthouse, Peace River;
Transportation, Grande Prairie
The Rain Man Plumbing Ltd. 33,615.00

Landscape Irrigation,
Agriculture Building, Airdrie
Evergreen Irrigation Ltd. 33,000.00

Landscape Irrigation, Transportation Depot, Airdrie Regency Irrigation Ltd.	12,575.00
Landscape Irrigation, Provincial Building, Barrhead Hydro-Tec Irrigation Ltd.	26,940.00
Landscape Irrigation, Westfield Detention Centre, Edmonton George's Developments Ltd.	40,000.00
Landscape Irrigation, Elves Memorial Centre, Edmonton Greenthumb Irrigation Ltd.	8,721.51
Landscape Irrigation, Travel Information Centre, Fort Macleod Automatic Drip Irrigation Ltd.	2,875.00
Landscape Irrigation, Courthouse, Fort McMurray Allegro Irrigation Systems Ltd.	20,606.00
Landscape Irrigation, Interpretive Centre, Fort McMurray Allegro Irrigation Systems Ltd.	36,677.00
Landscape Irrigation, Youth Assessment Centre, Grande Prairie George's Landscaping Ltd.	15,500.00
Landscape Irrigation, Provincial Building, Hanna Regency Irrigation Ltd.	9,300.00
Landscape Irrigation, Youth Assessment Centre, High Prairie Access Irrigation Systems	20,555.00
Landscape Irrigation, Correctional Centre, Lethbridge Rainmakers Landscaping Inc.	125,286.90
Landscape Irrigation, Forestry Headquarters, Slave Lake Access Irrigation Systems	30,035.00
Landscape Irrigation, Phase III, Poundmaker/Nechi Centre, St. Albert; Renovations to Irrigation Systems Greenthumb Irrigation Ltd.	1,278.74
Landscape Irrigation, Courthouse, Tofield Allegro Irrigation Systems Ltd.	9,112.00
Landscape Irrigation, Courthouse, Turner Valley Regency Irrigation Ltd.	4,475.00
Landscape Irrigation, Transportation Shops, Valleyview George's Landscaping Ltd.	10,000.00
Landscape Irrigation, Parks Workshop, Valleyview George's Landscaping Ltd.	12,000.00
Landscape Irrigation, Provincial Building, Westlock Hydro-Tec Irrigation Ltd.	16,000.00
Minimum Security Correctional Camps, Upgrade Camps, Footner Lake ATCO Structures	47,171.00
Minimum Security Correctional Camps, Upgrade Camps, Fort McMurray Northgate Trailer Industries Ltd.	90,855.00
Minimum Security Correctional Camps, Upgrade Camps, Lac La Biche Custom Structures	58,279.00
Minimum Security Correctional Camps, Upgrade Camps, Medicine Lodge, Fire Alarm System Reyn-Felt Electric	28,750.00
Miscellaneous Demolition Projects, Provincial Court, Fort Vermilion, Demolition of Water Reservoir Rosenberger Construction Ltd.	5,295.00

Miscellaneous Demolition Projects,
Provincial Court, Kinuso,
Disposal of a Residence and Three
Commercial Buildings
Rae-Dawn Construction Ltd. 9,000.00

Miscellaneous Demolition Projects,
Courthouse Site, Lacombe, Grading,
Gravel for Parking
Bettenson's Sand and Gravel 27,043.90

Miscellaneous Demolition Projects,
Courthouse, Red Deer, Landscape
Former Snell Property
Gateway Landscaping Ltd. 20,618.25

Off-Site Service Charges,
Sam Livingstone Fish Hatchery, Calgary,
New Sanitary Sewer Line
Sonmor Excavating Ltd. 63,870.00

Portable Classroom Facilities, Benalto,
Relocate Classroom
Big Island Construction Ltd. 17,045.00

Portable Classroom Facilities, Carstairs
Big Island Construction Ltd. 29,720.00

Portable Classroom Facilities,
Hardisty, Relocate Classroom
Travco Industrial Housing Ltd. 15,639.00

Portable Classroom Facilities, Olds
Big Island Construction Ltd. 24,950.00

Portable Classroom Facilities,
Strathmore, Relocate Classroom
Big Island Construction Ltd. 10,700.00

Prisoner Holding Facilities,
Courtroom Boxes for Red Deer,
Sherwood Park, St. Albert, Stony Plain
Kerr Interior Systems Ltd. 18,482.00

Renovations to Maintenance
Facilities at Bonnyville, Clyde, Egremont
Condor Contractors Ltd. 2,800.00

Renovations to Maintenance
Facilities at Rainbow Lake
Condor Contractors Ltd. - 2,260.00

Renovations to Maintenance
Facilities at Donnelly,
Grande Prairie, Valleyview
Condor Contractors Ltd. 960.00

Renovations to Transportation
Facilities, Southern Region
Condor Contractors Ltd. 1,996.00

Renovations and Improvements,
Provincial Building, Athabasca,
Replace Concrete Curbs in Parking Area
D & H Concrete Services Ltd. 5,440.00

Site Development, Transportation Depot,
Bon Accord, Site Work
Sherwood Park Paving Ltd. 50,512.00

Site Development,
Transportation Depot, Vermilion
R. Snelgrove & Sons ltd. 13,200.60

VEGREVILLE

Alberta Environment Centre,
Laboratory Development
Southridge Construction Ltd. 441,445.00

Alberta Environment Centre,
Plant Research Facility
Marshall Lee Construction Ltd. 2,525,121.00

Alberta Environment Centre,
Electrical Upgrading
Dalberg Electrical Contractors Ltd. 98,766.00

Alberta Environment Centre,
Site Development
Border Paving Ltd. 173,384.00

Alberta Environment Centre,
Replace Lagoon Liner
Layfield Plastics (1978) Ltd. 113,160.00

Renovations and Improvements,
Government Buildings,
Transportation Depot
Genes Electric Vegreville Ltd. 7,175.00

VERMILION

Alberta Fire Training School,
Fire Training Pads
F & S Construction Ltd. 169,448.00

Alberta Fire Training School,
Burn Building Repairs
F & S Construction Ltd. 20,650.00

Alberta Fire Training School,
Paving
Border Paving Ltd. 91,797.50

Transportation Depot,
New Salt Shed, Storage Garage
and Related Site Development
Jen Col Construction Ltd. 171,171.00

VULCAN

Fish & Wildlife District Warehousing,
Upgrade Freezer Unit
Steelbrace Contract Management Ltd. 35,516.00

WABASCA

Saint John's Residence,
Asbestos Removal
Associated Asbestos Services Ltd. 14,670.00

Saint John's Residence,
Air Monitoring (Asbestos Removal)
Dalcom Industrial Health Consulting Ltd. 4,694.00

WALSH

Travel Information Centre
Monaco Interiors 1,038,248.00

WESTLOCK

Provincial Building,
Paving
O'Hanlon Paving Ltd. 34,342.80

WETASKIWIN

Courthouse,
Additional Parking, Phase II
Crown Paving & Engineering Ltd. 49,530.00

Institution and Group Homes,
Phoenix Place, Furnace Replacement
Bidwell Construction Ltd. 7,249.29

Institution and Group Homes,
Phoenix Place, Basement Renovations
Bidwell Construction Ltd. 15,849.00

Provincial Building,
Renovations and Upgrading
Camwil Contracting Ltd. 529,000.00

WORSLEY

Health Centre, Nursing Station,
Building Relocation
Bestwood Builders Ltd. 35,384.00

Health Centre
K. Shaw & Sons Contracting Ltd. 758,800.00

YOUNGSTOWN

Vehicle Service Shop,
Welding Room Ventilation
Wecker Plumbing & Heating Ltd. 24,452.00

TOTAL CONTRACTS AWARDED 459
TOTAL DOLLAR VALUE $158,281,375.68